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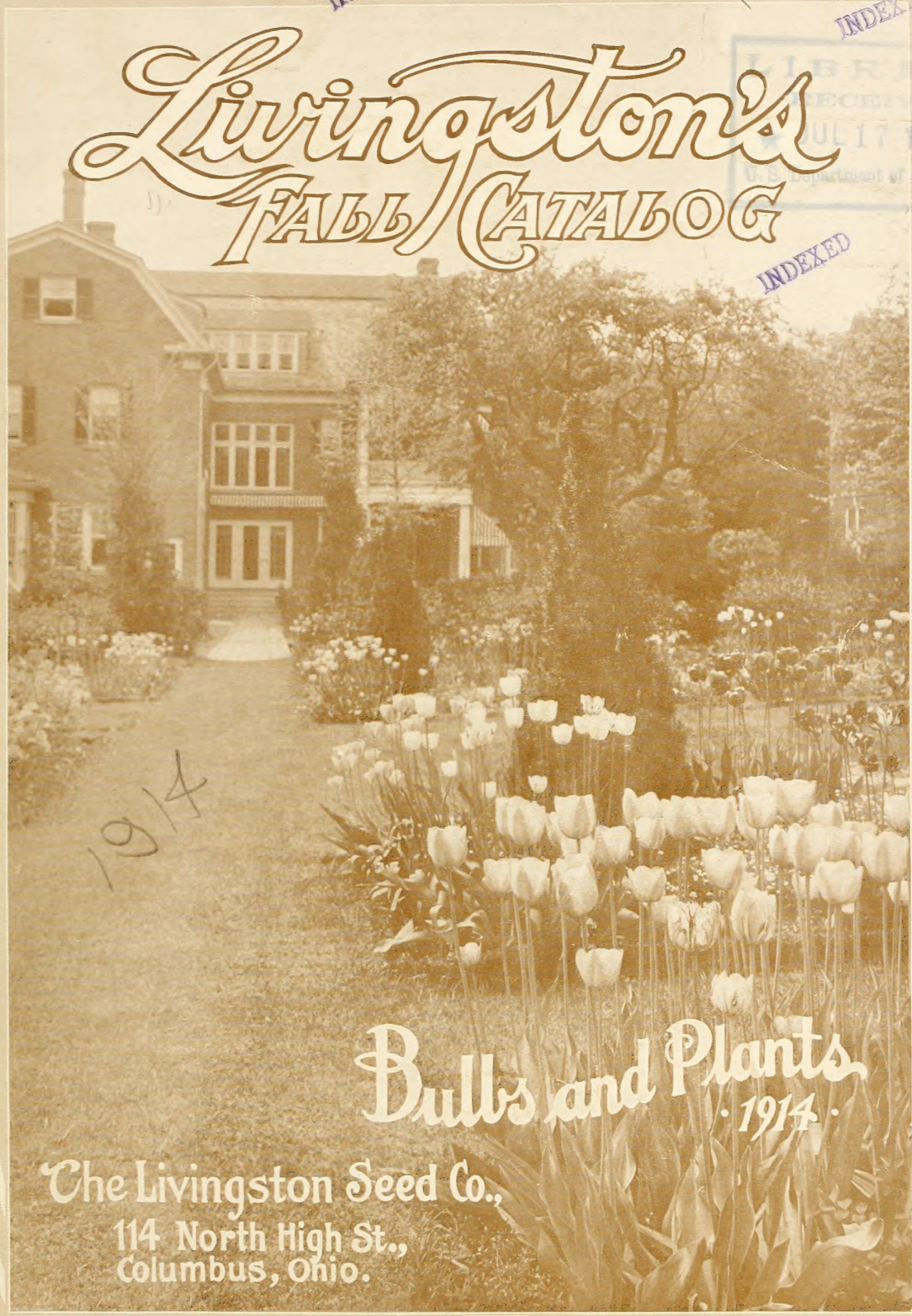
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Livingston's FALL CATALOG

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1914

Bulbs and Plants 1914

The Livingston Seed Co.,
114 North High St.,
Columbus, Ohio.



Peony Specials

Everybody should plant Peonies and we are going to make it possible for all to have them. We have a very large stock of beautiful plants, not one unnamed variety amongst them and here is our offer.

Great One Dollar Collection

Alexander Dumas. Violet rose with creamy white collar. Freely blooming and fragrant.

Duchess De Nemours. Guard petals are white, center lemon-yellow. Fragrant, and a splendid cut-flower. Early.

Arthemise. Soft lilac-pink. Has beautiful large flowers on long stems. Late.

Golden Harvest. Most beautiful creamy yellow with soft pink guard petals.

Meissonier. Wonderfully rich and brilliant crimson; full flower on long stems. Late mid-season.

Queen Victoria. Large, compact white flowers, center petals sometimes tinged with carmine.

The above set of six, if purchased separately, would cost \$2.25. We send them in strong, divided roots all for \$1.00, postpaid.

Peony Officinalis

The old-fashioned, early varieties usually in bloom on Decoration Day, the "Pineys" of old-time gardens. Red, white and pink.

Note the Prices

4 large 2-year-old plants for \$1.00.
3 large 3-year-old plants for \$1.00.

By parcel post or express, customer paying charges.

Peonies in Separate Colors

These are named varieties. Of some we have only a few—too few to catalog them separately; of others, we have a good many but not enough to make their propagation worth while. They are really fit for any fancier's collection. Many shades of pink, red, and white. Strong divisions. Dozen, \$1.50; 100 for \$10.00, by express at buyer's expense.

Large two and three-year-old plants for immediate effect—all named varieties same as the above. Pink, red or white, 40c. and 50c. each; \$2.50 and \$3.50 per doz.; \$20.00 and \$25.00 per 100, respectively, by express.

Mixed Peonies

Unnamed varieties in all colors from white to deep crimson, strong divisions, 10c. each; \$1.00 per doz., postpaid; \$6.00 per 100, by parcel post or express, customer paying charges.





NOTHING in landscape art can surpass the charming and oftentimes brilliant effect produced by the judicious planting of Spring flowering bulbs. Planted with reference to their season they will give a most gratifying succession of bloom, running almost the full gamut of form and coloring, from the modest, quiet Snowdrops and Scillas, shyly peeping through the snow, to the gorgeous hues of the early Tulips and the rich and in many cases exquisite shadings of the late and Darwin strains.

Following close to them come the Peonies with their silk-like sheen and elusive tints. Certainly no garden or herbaceous border would be complete without their splendid blossoms. From an ordinary old-fashioned flower the Peony has worked its way up by sheer merit of the newer sorts, to a foremost place in our hearts and gardens.

Then later appear the stately Fleur de lis, or Flaps, followed by the various bulbous Iris, those dainty "garden orchids" of the hardy border.

This caution must be emphasized. Do not put off the planting of the bulbs *too* late. Your choice of stocks will be reduced and the quality of many will deteriorate. All should be in the ground by the middle of November in the latitude of Columbus, and some varieties, such as the Candidum Lilies and many of the Narcissus, much earlier.

Be a "booster" for bulbs in your own locality and community, remembering that for every dollar expended and every hour of labor involved, this Fall, with the advent of Spring you will be repaid a hundred fold.

Sincerely yours,

THE LIVINGSTON SEED CO.

Columbus, Ohio, September 1, 1914.

Parcel Post Information

Below will be found the approximate weights of the various Bulbs offered in this catalogue, which are transmissible by parcel post, and customers who wish their orders sent this way, by referring to the postal rates for their zone, can estimate the postage required, and remit same with their order.

Many people are not aware of the number of their zone. Your postmaster will tell you in which zone your post town is located relative to Columbus, Ohio. If you live on a R. F. D. route, your mail-carrier will find out for you.

Your Postoffice is in Zone _____ from Columbus, Ohio

You will therefore mail your order to our address at the latter city, and reckon the postage according to zone in table below. All small Miscellaneous Bulbs are offered at prices per dozen and 100, which include prepayment, unless otherwise noted

Approximate Weights of Bulbs

Name	Weight 12 Bulbs	25 Bulbs	50 Bulbs	100 Bulbs
	lb.	lb.	lb.	lb.
Hyacinths, Exhibition or First Size.....	2-3	5-6	11-12	20-22
Hyacinths, Named Varieties.....	1 1/2-2	3-4	6-7	11-12
Hyacinths, Bedding Varieties and Roman.....	1 1/2-2	3-4	6-7	11-12
Tulips (all kinds).....	1	2-3	4-5	7-10
Daffodils and Narcissi, except those mentioned below.....	1 1/2-2	3-4	6-7	10-11
Narcissus Emperor.....	1-2	3-4	6-7	10-11
Narcissus Empress.....	1-2	3-4	6-7	12-13
Narcissus Princeps and Golden Spur.....	1-2	2-3	4-5	8-10
Narcissus Sir Watkin and Victoria.....	1 1/2-2	3-4	6-7	10-12
Polyanthus Narcissi Paper Whites.....	1-2	3-4	6-7	15-18
Polyanthus Narcissi Various Sorts.....	2-3	5-6	10-11	20-22

Parcel Post Insurance

While it is not necessary, packages sent via parcel post may be insured at the following rates:

Packages valued up to \$25.00, 5 cents for each package.

Packages valued at \$25.00 and up to \$50.00, 10 cents for each package.

If you desire your packages insured, kindly include insurance in your remittance, and be sure to mention its purpose on the order sheet.

Weight 3 Bulbs.. 12 Bulbs

	lb.	lb.
Liliums (8-9 in.).....	1-2	4-5
Liliums (9-11 in.).....	1 1/2-2	6-7
Liliums (11-13 in.).....	2-3	9-10
Amaryllis.....	1 1/2-2	5-6

Parcel Post Rates

Are fixed according to zones. The greater the distance from the center the higher the rate. Limit of weight for delivery within local first and second zones, 50 pounds; to all other zones, 20 pounds. If weight exceeds this we will pack in 2 or 3 parcels (no more) provided money is remitted to cover postage. See table below.

Table of Parcel Post Rates

All parcels of seeds, bulbs and plants over 8 oz. in weight come under these rates; up to and including 8 oz. at the rate of 1c. for each 2 oz. All merchandise other than seeds, bulbs and plants up to and including 4 oz. in weight can be sent at the rate of 1c. an ounce regardless of distance. Over 4 oz. at the zone rate.

Local	Lbs.	1	2-3	4-5	6-7	8-9	10-11	12-13	14-15	16-17	18-19	20-21	22-23	24-25	26-27	28-29	30-31	32-33	34-35	36-37	38-39	40-41	42-43	44-45	46-47	48-49	50							
	Postage	5c	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30							
Zone 1 and 2	Lbs.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30			
150 Miles	Postage	5c	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35		
Weight		1 lb.	2 lbs.	3 lbs.	4 lbs.	5 lbs.	6 lbs.	7 lbs.	8 lbs.	9 lbs.	10 lbs.	11 lbs.	12 lbs.	13 lbs.	14 lbs.	15 lbs.	16 lbs.	17 lbs.	18 lbs.	19 lbs.	20 lbs.													
Zone 3	300 Miles	6c	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44													
Zone 4	600 Miles	7c	11	15	19	23	27	31	35	39	43	47	51	55	59	63	67	71	75	79	83													
Zone 5	1000 Miles	8c	14	20	26	32	38	44	50	56	62	68	74	80	86	92	98	1.04	1.10	1.16	1.22													
Zone 6	1400 Miles	9c	17	25	33	41	49	57	65	73	81	89	97	1.05	1.13	1.21	1.29	1.37	1.45	1.53	1.61													
Zone 7	1800 Miles	11c	21	31	41	51	61	71	81	91	1.01	1.11	1.21	1.31	1.41	1.51	1.61	1.71	1.81	1.91	2.01													
Zone 8	Over 1800 Miles	12c	24	36	48	60	72	84	96	1.08	1.20	1.32	1.44	1.56	1.68	1.80	1.92	2.04	2.16	2.28	2.40													

On large orders we recommend shipment by express.

Send in your order for bulbs, plants, etc., as soon as you receive this catalog. Most bulbs offered in this list are Spring bloomers and should be planted from September to December. We are prepared to fill orders at once, with few exceptions, and these will follow a little later.

Livingston's Superior Hyacinths

The Hyacinth is among our most popular and beautiful flowering plants, either for indoor or outdoor decoration. Its many desirable qualities are so well known that a lengthy description is unnecessary.

GARDEN CULTURE—Planted outdoors, they are one of the earliest and handsomest of spring flowers. The bulbs may be planted from September to the final freezing of the ground for the winter. A sunny situation and well-enriched soil are essential to highest success. They should be set 6 to 8 inches apart, and 6 inches deep.

CULTURE IN POTS—For some bright flowers in the house in winter. Hyacinths are almost indispensable. Procure solid, heavy bulbs; plant a single bulb in a 5-inch pot, or several in a large pot or bulb pan. Fill the pots with soil; set away in a cool, dark place until thoroughly rooted; then place in a sunny window.



Our Instructive Leaflet, "How to Grow Hyacinths," Free on Request

Livingston's Superb Named Hyacinths

Refer to Page 2 for Parcel Post Rates and Weights.

Single-Flowering Named Varieties

The varieties enumerated below have been selected for their distinct coloring and large, free-flowering qualities, and are all **Selected Sound Bulbs** of those sorts which are especially adapted for house culture in earth or water. Superb also for high-grade bedding effects in the garden.

Single White Hyacinths

- Baron Van Thuyll, White**—Pure white; large spike; early.
- Grandeur a'Merveille**—Finest blush-white; extra fine truss.
- Grand Vedette**—Pure white; large bells; good spike.
- La Franchise**—Waxy-white; large bells and spikes.
- La Grandesse**—Snow white; perfect bells; tall truss.
- L'Innocence**—Snow-white; fine large spike and bells.
- Madame van der Hoop**—Pure white; large bells, compact truss.
- Voltaire**—Creamy white; large bells and fine truss.

Above, each, 10c. The set of 8 for 75c. Any dozen for \$1.00.

Single Blue Hyacinths

- Baron Van Thuyll, Blue**—Dark blue; large, compact spike; early.
- Charles Dickens, Blue**—Porcelain-blue, tinged lilac; fine.
- Grand Lilas**—Porcelain-lilac; fine truss and bells.
- Grand Maitre**—Grand. Deep porcelain-blue; extra large truss.
- King of the Blues**—Rich, dark glossy blue; extra large truss.
- La Peyrouse**—Clear porcelain-blue; large bells.
- Mary**—Very beautiful sort, having a large spike; deep blue.
- Regulus**—Clear light blue; large bells; very fine spike.

Above, each, 10c. The set of 8 for 75c. Any dozen for \$1.00.

Single Yellow Hyacinths

- King of the Yellows**—Canary-yellow; splendid spike; good forcer.

Each, 10c.; dozen, \$1.00

Single Red and Rose Hyacinths

- Charles Dickens, Pink**—Delicate pink, striped carmine; tall; extra large spike; very fine; early.
- Gertrude**—Clear light-pink; large bells; very fine spike.
- Gigantea**—Beautiful blush-pink; large broad spike.
- Norma**—Delicate waxy-pink.
- Moreno**—Beautiful waxy-pink; large size; splendid spike.
- Robert Steiger**—Fine deep crimson; splendid large truss.
- Roi des Belges (King of the Belgians)**—Brilliant blood scarlet; elegant spikes.
- Rosea Maxima**—Soft rose pink; fine large truss and bells.

Above, each, 10c. The set of 8 for 75c. Any dozen for \$1.00.



Grand Maitre (left) and Grandeur a'Merveille (right) Hyacinths

Double-Flowering Named Varieties

The Double-Flowering Hyacinths, when grown outdoors in the garden border, are most desirable. While we recommend the single-flowering varieties as giving the most uniform results, perhaps especially when grown in water or pots in the house, you will need an assortment of the Double Hyacinths, as they are exceedingly attractive. The varieties listed below are the finest in cultivation.

Double White Hyacinths

La Tour d'Auvergne—Earliest pure white; grand spike; an extra fine one.

La Virginite—Blush-white; splendid.

Prince of Waterloo—White; rosy center.

Florence Nightingale—Pure white; fine.

Above, each, 10c. The set of 4 for 35c.
Any dozen for \$1.00.

Double Blue Hyacinths

Bloksburg—Bright porcelain-blue; large spike.

Garrick—Fine bright blue; good bells.

Lord Wellington—Beautiful dark blue.

Prince of Saxony—Deep purple; large.

Above, each, 10c. The set of 4 for 35c.
Any dozen for \$1.00.

Double Red and Rose Hyacinths

Bouquet Royal—Fine rose, dark red center.

Bouquet Tendre—Beautiful carmine-rose.

Czar Nicholas—Delicate light rose, fine spike.

Grootvorst—Blush-pink; large bells and truss.

Above, each, 10c. The set of 4 for 35c.

Any dozen for \$1.00.

Livingston's Selected Bedding and Forcing Hyacinths

In Separate Colors.

These are selected unnamed sorts, made in mixtures best adapted for beds and borders in the garden, or for florists' greenhouse forcing for cut-flowers, and are of such superior quality as to be used in immense quantities for both purposes. For house culture in pots, we strongly advise you to use the named sorts listed on preceding page.

FOR BEDDING

Mixed Single-Flowering Sorts in Separate Colors

Dark Red Shades Mixed	6c.	65c.	\$4.00
Rose and Pink Shades Mixed	6c.	65c.	4.00
Pure White Sorts Mixed	6c.	65c.	4.00
Blush and Tinted White Mixed	6c.	65c.	4.00
Dark Blue and Purple Mixed	6c.	65c.	4.00
Light Blue and Lavender Shades Mixed	6c.	65c.	4.00
Yellow, all Shades Mixed	6c.	65c.	4.00
Mixed, all the above colors	6c.	65c.	3.50

Mixed Double-Flowering Sorts in Separate Colors

Dark Red Shades Mixed	6c.	65c.	\$4.00
Rose and Pink Shades Mixed	6c.	65c.	4.00
Pure White Sorts Mixed	6c.	65c.	4.00
Blush and Tinted White Sorts Mixed	6c.	65c.	4.00
Dark Blue and Purple Shades Mixed	6c.	65c.	4.00
Light Blue and Lavender Shades Mixed	6c.	65c.	4.00
Yellow, all Shades Mixed	6c.	65c.	4.00

Early Roman Hyacinths

Roman Hyacinths are especially adapted for greenhouse forcing and house culture. The flowers, while similar to the Dutch Hyacinths, are smaller, but produced in greater abundance, each bulb bearing several spikes of the most delicate and deliciously fragrant flowers. For a good effect six bulbs should be planted in a 6-inch pot or pan. Not adapted to outdoor planting.

Early White—The pure white early. Each, 6c.; doz., 60c.;

Exhibition Hyacinths

The Most Perfect Flowers—The Finest Bulbs—The Largest Spikes

These Hyacinths are "extra" in every sense. Each variety has been especially selected because of the perfect form, large size and distinct and superb coloring of its flowers. Our Dutch growers have carefully sorted from their crops the largest and most perfect bulbs of each of these varieties for exhibition bulbs. For growing in pots or glasses they are fine, and we unreservedly recommend them to every one who wants absolutely the best and desires to grow flowers superior to all others, either as a matter of pride and pleasure or for exhibition purposes.

Single Sorts

- Gertrude**—Exquisite bright pink; very large, compact; upright spike; extra fine, early.
- Grandeur a'Merveille**—White, delicately shaded rose; large spike; very beautiful.
- Grand Maitre**—Lavender blue with darker blue shading. Large, handsome spikes.
- Johan**—New; exquisite silvery lavender, tinted with soft rose; good spike; mammoth bells.
- King of the Blues**—Deep royal purple; superb spike.
- King of the Yellows**—Pure golden yellow; tall, handsome spike; large bells; very fine.
- L'Innocence**—Fine pure white with large bells, massive spikes.
- Roi des Belges**—Deep, rich crimson; handsome truss;

Double Sorts

- General Antink**—Porcelain blue, with darker center. Good truss and fine bells.
 - La Tour d'Auvergne**—Earliest pure white. Fine tall spikes, well filled with large bells.
 - President Roosevelt**—Fine new sort of rich, deep rose color; magnificent spike and bells.
- PRICE OF EXHIBITION HYACINTHS**—15c. each; \$1.50 dozen. 3 of one color at dozen rates.

Collection No. 10

One each of these Exhibition Hyacinths delivered free in the United States for \$1.25.

Three Special Hyacinth Collections

(All sorts are of our own selection)

SPECIAL No. 1

6 Superb Dutch Hyacinths especially adapted for growing in water. All are named varieties of distinctly different colors. Set of 6 bulbs, 50c., postpaid.

SPECIAL No. 2

10 Splendid Dutch Hyacinths, selected as especially desirable for pot culture, including both single and double; all of distinctly different shades of color. Sure to produce large spikes of beautiful flowers and give the greatest measure of satisfaction for winter blooming in pots or open ground.

1 delicate pink, 1 snow white, 1 porcelain blue, 1 dark blue, 1 rose pink, 1 tinted white, 1 light blue, 1 crimson 1 yellow, 1 double blush white.

Set of 10 bulbs, 75c., postpaid.

SPECIAL No. 3

6 Superb Single-Flowering Hyacinths, all different colors, selected for growing in pots, postpaid, for only 50c.

Bulb Pans

These are made of same materials as our Flower Pots. Are especially desirable for planting several bulbs in each so as to form a clump.

Size	Each	Doz.	Size	Each	Doz.
6-inch.....	8	\$0 80	9-inch.....	15	\$1 50
7-inch.....	10	1 00	10-inch.....	20	2 00
8-inch.....	12	1 20	12-inch.....	35	3 50

Bulb Pans are sent by express at customer's expense.

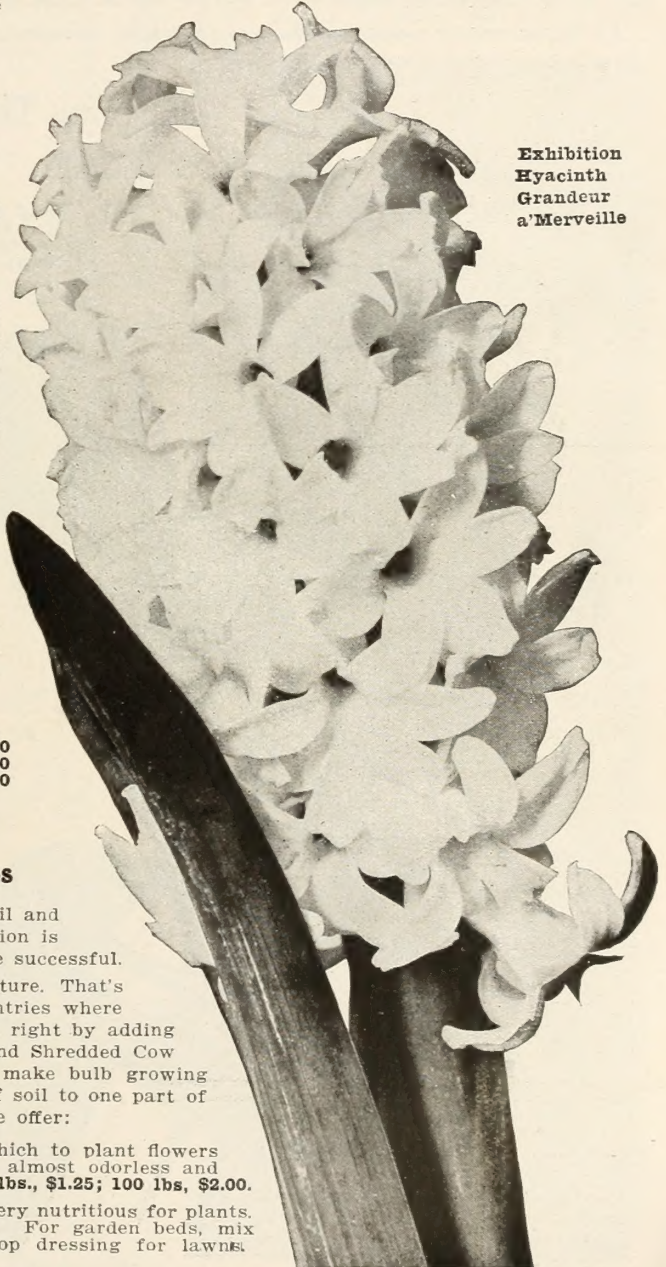
Success in Raising Flowers from Bulbs

Depends a great deal on the careful preparation of the soil and the care taken in setting out the bulbs. The more attention is paid to preliminary work, the more chances you have to be successful.

Few soils contain the proper elements for perfect bulb culture. That's the reason why most bulbs are produced in those few countries where the soil is right. You can make the soil at your disposal right by adding such elements as are lacking. Pulverized Sheep Manure and Shredded Cow Manure contain the necessary plant-building elements to make bulb growing a success. Mixed with the soil in proportion of 5 parts of soil to one part of either fertilizer, they do splendid work. Here is what we offer:

Shredded Cow Manure—Very best to mix with soil in which to plant flowers and almost all kinds of plants. Thoroughly decomposed, almost odorless and ready to use. Put up in bags. 5 lbs., 25c.; 10 lbs., 40c.; 50 lbs., \$1.25; 100 lbs., \$2.00.

Sheep Manure (Pulverized)—A pure natural manure and very nutritious for plants. For potting soil, mix one part manure to six parts soil. For garden beds, mix five parts of soil with one part of manure. Splendid top dressing for lawns. 5 lbs., 25c.; 10 lbs., 40c.; 50 lbs., \$1.25; 100 lbs., \$2.00.



Exhibition Hyacinth Grandeur a'Merveille

Early Flowering Single Tulips

THE Tulip easily takes first place among our Spring flowers. There is no bulb which, with so little outlay of care and cost, will give such gorgeous results as the Tulip. The earliness of bloom, variety of form, wealth of color, intense brilliancy and beautiful shadings, together with ease of culture and low price, all tend to make the Tulip the most popular of all Spring flowering bulbs.

Tulips require the same treatment as Hyacinths, except that they should be planted about 4 inches apart and 4 inches deep. In our description we give the average height of the flowers, as well as the color, so that in selecting bulbs for a bed, varieties producing a harmonious result may be ordered.

The early Tulips should be dug as soon as the leaves begin to turn yellow. They can be put in a trench and covered with soil so as to ripen up thoroughly, which will take a week or ten days after digging and then can be taken out, dried in a shady place and laid away until Fall. It is well to rub the old roots and soil off before putting them away. They generally mature early enough so that if in beds the latter are available for geraniums, asters, etc. for Summer bedding. The late or May Flowering varieties may be left in the ground for two or three years, but will do better if dug at least every other year as they increase rapidly and need be reset.

To have a bed which will be continuously brilliant from the earliest days of Spring, plant Scilla Siberica, Snowdrops and Crocus, between rows of Single and Double Tulips. The Snowdrops will bloom first, to be quickly followed by the Crocus and Scilla. When they are through, the Tulips come into bloom, the double ones lasting longest. Tulips bloom finely in the house. Plant 10 to 12 bulbs in a bulb pan; water well, and put in a dark, cool cellar, covering with six inches of coal ashes. In about ten weeks the bulbs will be rooted, when they can be brought near the light and heat to bloom. Prefixed figures indicate the average height in inches of each variety.

All Tulips sent by parcel post, express or freight, customer paying charges, unless otherwise noted. See Page 2 for parcel post rates and weights.

Duc van Tholl Tulips

These Tulips are single-flowering and the earliest of all. Especially desirable for shallow fern dishes or small pots. Are very graceful, not growing over 7 inches in height.

Earliest Tulip Collection—Consisting of two each of these Duc van Tholl Tulips (14 bulbs in all), 45c., postpaid.

	Each	Doz.	100		Each	Doz.	100
Gold Striped	2c	30c	\$1 50	Rose	4c	35c	\$1 75
Red and Yellow	4c	35c	1 75	Orange	4c	35c	1 75
Yellow	4c	35c	2 00	Scarlet	4c	35c	2 00
Extra Fine Mixed	4c	35c	1 75	White	4c	35c	1 75



Keizerskroon

(See illustration) — An exceptionally fine variety, being the earliest of the large Tulips and very much larger than the average. A bed of these is a grand sight; or if used as a border to shrubbery they are most effective. They are a bright scarlet with wide border of golden yellow. Each, 5c.; doz., 40c.; 100, \$2.00; 1000, \$16.00.

8 **Adelina Patti**—Rosy crimson; a grand sort. Each, 5c.; doz., 45c.; 100, \$3.00.

12 **Albion (White Hawk)**—A very large snow white Tulip. Each, 5c.; doz., 45c.; 100, \$3.00; 1000, \$20.00.

8 **Artus**—Bright scarlet; very fine for forcing or bedding. Each, 3c.; doz., 25c.; 100, \$1.25.

10 **Belle Alliance**—Brilliant deep scarlet; grand for beds or pot culture. Each, 5c.; doz., 40c.; 100, \$2.50; 1000, \$16.00.

10 **Cardinal's Hat**—Dark brownish red. Each, 3c.; doz., 25c.; 100, \$1.25.

10 **Chrysolora**—Pure golden yellow; large and elegant flower; fine for beds. Each, 3c.; doz., 30c.; 100, \$1.50; 1000, \$10.00.

8 **Cottage Maid**—Beautiful rose, flushed white. Each, 3c.; doz., 25c.; 100, \$1.25.

10 **Couleur de Cardinal**—Scarlet. Each, 5c.; doz., 45c.; 100, \$3.00; 1000, \$22.00.

9 **Cramoisie Brilliant**—Brilliant scarlet; fine for pot culture; a large bloom. Each, 4c.; doz., 35c.; 100, \$1.75. Each, 3c.; doz., 25c.; 100, \$1.25.

7 **Crimson King**—Bright crimson scarlet; large. Each, 3c.; doz., 25c.; 100, \$1.25; 1000, \$8.50.

9 **Duchess de Parma**—Bright orange scarlet, bordered yellow; very attractive; large. Each, 3c.; doz., 30c.; 100, \$1.50; 1000, \$10.00.

10 **Flamingo**—A beautiful variety with fluted petals of the brightest pink. Each, 8c.; doz., 75c.; 100, \$5.00.

7 **Grand Master of Malta**—Dark red, white border. Each, 5c.; doz., 45c.; 100, \$2.75.

10 **King of the Yellows**—Deep golden yellow, early; fine for cutting. Each, 4c.; doz., 35c.; 100, \$1.75.

9 **L'Immaculee**—Pure white, tinted with pale rose; fine for forcing. Each, 3c.; doz., 25c.; 100, \$1.25.

10 **Mon Tresor**—Elegant large yellow; earliest and best for forcing. Each, 4c.; doz., 35c.; 100, \$2.00.

9 **Ophir d'Or**—Largest deep pure yellow; fine for beds. Each, 3c.; doz., 30c.; 100, \$1.50.

12 **Pottebakker Scarlet**—Very large glowing scarlet; splendid bedder. Each, 5c.; doz., 35c.; 100, \$2.00.

12 **Pottebakker White**—One of the finest white Tulips for the garden; has a large flower and is very early. Each, 5c.; doz., 45c.; 100, \$2.75.

10 **Proserpine**—Carmine rose; glossy; beautiful flower. Each, 6c.; doz., 60c.; 100, \$4.00.

Early Single Tulips (Continued)

- 9 **Rachel Rujsch**—Rose; extra fine. Each, 3c.; doz., 30c.; 100, \$1.50.
- 10 **Rembrandt**—Superb scarlet; very early flowering. Each, 6c.; doz., 50c.; 100, \$3.50.
- 10 **Rose Luisante**—Deep rose, showy, with large, perfect flower. Each, 5c.; doz., 50c.; 100, \$3.50.
- 6 **Rose Grisdelin**—Most delicate pink; one of the finest Tulips in cultivation; grand. Each, 3c.; doz., 25c.; 100, \$1.25.
- 9 **Silver Standard**—Pure white feathered with cherry-crimson; fine for bedding. Each, 5c.; doz., 45c.; 100, \$2.75.

- 10 **Thos. Moore**—Orange, a splendid grower and fine bedding Tulip. Each, 3c.; doz., 25c.; 100, \$1.25; 1000, \$8.50.
 - 10 **Vermilion Brilliant**—Richest scarlet; very showy. Each, 5c.; doz., 50c.; 100, \$3.50; 1000, \$22.00.
 - 12 **Yellow Prince**—Large; bright yellow; very sweet-scented; fine for pot culture. Each, 3c.; doz., 25c.; 100, \$1.25.
- Selected Single Early Mixed Tulips**—By express, parcel post or freight, customer paying charges: **Dozen, 20c.; 100 for \$1.25; 1000 for \$10.00; 250 at 1000 ratio.**
- See Page 2 for Parcel Post rates and weights.

Early-Flowering Double Tulips

The Double Tulips are robust growers and very effective in beds, borders, or clumps planted among the shrubbery. The blooms are large and brilliant. Lasting much longer in bloom than the single varieties, they prolong the Tulip season. The figures prefixed indicate the average height in inches of each variety.

	Each	Doz.	100
7 Count Leicester —Orange and yellow; splendid	3c	25c	\$1 25
10 Couronne d'Or —The finest double yellow sort for forcing or pot culture; large, strong blossoms	5c	45c	3 00
9 Duke of York —Carmine rose, edged with white	3c	30c	1 50
9 Gloria Solis —Red, bordered with gold; fine	4c	35c	1 75
8 Imperator Rubrorum —Rich, glowing scarlet	5c	45c	3 00
8 La Candeur —Very large flower; pure white	3c	30c	1 50
9 Le Blason —Blush white, tinged with rose	4c	35c	1 75
6 Murillo —Superb blush white; shading to soft pink; fine for pot culture	3c	30c	1 50
6 La Citadella —Brown red, light bordered	4c	35c	2 00
8 Rex Rubrorum —Bright scarlet; fine, rich flower	5c	40c	2 50
8 Rose Blanche —One of the best pure white	3c	30c	1 50
8 Rose Crown —Dark carmine; early flowering	4c	35c	1 75
7 Salvator Rose —White, flamed with deep rose, elegant flower; fine for pots	5c	45c	2 75
7 Titian —Brown red, yellow border	5c	40c	2 25
10 Tournesol —Bright scarlet with broad, yellow tips and base	6c	50c	3 50

Selected Double Early Mixed Tulips—By parcel post or express, customer paying charges. **Dozen, 20c.; 100 for \$1.25; 1000 for \$10.00; 250 at 1000 rates.**

All Tulips sent by parcel post, express, or freight, customer paying the charges, unless otherwise noted. See Page 2 for parcel post rulings, rates and weights.



Late or May Flowering Tulips

Late or May-Flowering Tulips

These elegant single-flowering Tulips bloom very late and thereby extend the flowering season until well into May; in fact, are extensively used for decorating on Memorial Day. Splendid for permanent border, as they are absolutely hardy. Fine for cut-flowers, the stems being long.

Gesneriana Spathulata Major

This is certainly a grand Tulip—immense blooms of dazzling crimson-scarlet with vivid blue-black center. It is simply an impossibility to describe the elegance of this Tulip. A gem for bedding, and for growing for cut-flowers is unsurpassed. This splendid Tulip should be planted in generous quantities.

Each, 4c.; doz., 35c.; 100, \$2.00.

Bouton d' Or (Golden Beauty)

A fine golden yellow variety of upright growth, making a beautiful bed or border. The most popular late yellow Tulip. Each, 4c.; doz., 35c.; 100, \$1.75.

Inglescombe Pink (Salmon Queen)

A beautiful salmon rose Tulip coming just between the early and late varieties, tall and fine in every way. Splendid for bedding. Each, 5c.; doz., 45c.; 100, \$2.75.

Maiden's Blush (Picotee)

Pure white, daintly margined with rose, turning to a bright pale crimson. Each, 4c.; doz., 35c.; 100, \$1.75.

Parisian Yellow—A clear yellow of exquisite shape. Each, 4c.; doz., 35c.; 100, \$2.00.

Rose Mignon—Creamy white and rose. Each, 5c.; doz., 40c.; 100, \$2.50.

Caledonia—Brilliant scarlet. Each, 4c.; doz., 35c.; 100, \$2.00.

Elegans Scarlet—Finest crimson. Each, 4c.; doz., 35c.; 100, \$2.00.

Isabella—Also called Blushing Bride or York and Lancaster. Creamy turning carmine rose. Each, 3c.; doz., 30c.; 100, \$1.50.

Golden Crown—Pointed yellow petals edged with crimson. Each, 3c.; doz., 25c.; 100, \$1.25.

Koningskroon—Red and yellow. Very showy for beds and borders. Each, 3c.; doz., 35, \$1.75.

La Merveille—Orange salmon, overlaid with orange red. Fragrant. Each, 3c.; 25, \$1.25.

La Nigrette—Almost black; fine in contrast with light sorts. Each, 4c.; doz., 35c.; 100, \$1.75.

Byblooms, Finest Mixed—Ground color white striped and variegated with rose and violet shades. Each 4c., 35, \$1.75.

Bizarres, Finest Mixed—Ground color yellow, striped and feathered with crimson brown or violet; very striking and desirable. Each, 4c.; doz., 35c.; 100, \$1.75.

All sorts in Splendid Mixture, 3c. each; 30c. per doz.; 1.50 per 100.

Parrot or Dragon Tulips

Their blooms are of large size and most brilliant, and, in addition to red and yellow, combine many shades of green. Especially suited for bedding, as they flower just between the early and late Tulips, thus prolonging the season. As cut-flowers they last a long time, and certainly deserve to be planted in quantity. The petals are curiously fringed or cut. Their unique colorings, immense size and odd forms make them the most striking of all Tulips.

Admiral de Constantinople—Red flowers, tipped orange.

Lutea Major—Very large, bright yellow.

Gloriosa—Beautifully striped. Very effective.

Perfect—Yellow striped with red. One of the showiest.

Price of any of the above named Parrot Tulips, varieties kept separate or mixed, each, 3c.; doz., 30c.; 100, \$1.50.

All Tulips sent by parcel post or express, customer paying charges, unless otherwise noted. See Page 2.

Darwin Tulips

This type is becoming so popular that the Dutch growers are having a hard time keeping up with the demand and consequently prices are higher than for any other Tulips.

The Darwin is a distinct Tulip easily recognized by the cup shape of the flower. (See illustration.) Practically all the varieties are robust growers and are distinguished also by the white, blue and black, but never yellow markings on the inside of the flower at its base. Many people consider the inside of the flower as beautiful as the outside. They are undoubtedly the most effective Tulip grown in the garden as they grow so rigidly and so tall that grand effects may be obtained by either massing in beds, grouping in the perennial border or planted on the edge of shrubbery. The colors range from white through all shades of pink and purple into the brightest scarlet, but there are no yellow Darwins. Any one who has ever grown such varieties as Baron de La Tonnaye, Pride of Haarlem, Cardinal Manning, etc., will never be without them and will endeavor each season to add further to the list, as all are so satisfactory and lasting. We hope all our customers will try at least a few of them.

Cardinal Manning (Breeder)

Dark rosy-violet, flushed with rose-brown. A very large flower, of a peculiar odd color, which we can not very well describe, but which will attract attention anywhere. Each, 8c.; doz., 75c.; 100, \$5.00.

Pride of Haarlem

Brilliant deep salmon rose shaded with blue at base; flowers of immense size and beautiful form. Each, 7c.; doz., 60c.; 100, \$4.00.

Baron de la Tonnaye

Tall and stately, making a beautiful bed, the flowers lasting wonderfully. The color is a pure, deep rose shading lighter on the edges of the petals. Each, 6c.; doz., 50c.; 100, \$3.50.

Gretchen—Large, globular flowers of bold form are carried on strong, 24-inch stems. Petals are soft blush outside, shading to blush rose inside of flower. A beauty. Each, 4c.; doz., 35c.; 100, \$2.00.

Madame Krelage—Purplish rose, broadly margined with blush pink; white base; a grand variety. Each, 7c.; doz., 60c.; 100, \$4.00.

Nauticus—Pinkish red; fine sort. Each, 5c.; doz., 45c.; 100, \$3.00.

Negro—Very dark purplish brown; most effectual in connection with lighter sorts. Each, 6c.; doz., 50c.; 100, \$3.50.

Wedding Veil—White, shaded lilac; very delicate texture. Each, 5c.; doz., 45c.; 100, \$3.00.

Glory—Glowing red; a fine sort. Each, 7c.; doz., 60c.; 100, \$4.

Europe (Salmon King)—Bright carmine scarlet with white center; very brilliant. Each, 7c.; doz., 60c.; 100, \$4.00.

Circe—Soft heliotrope lilac; one of the prettiest among the delicately shaded sorts. Each, 6c.; doz., 50c.; 100, \$3.50.

Asa Gray—Deep carmine; very showy. Each, 5c.; doz., 45c.; 100, \$2.75.

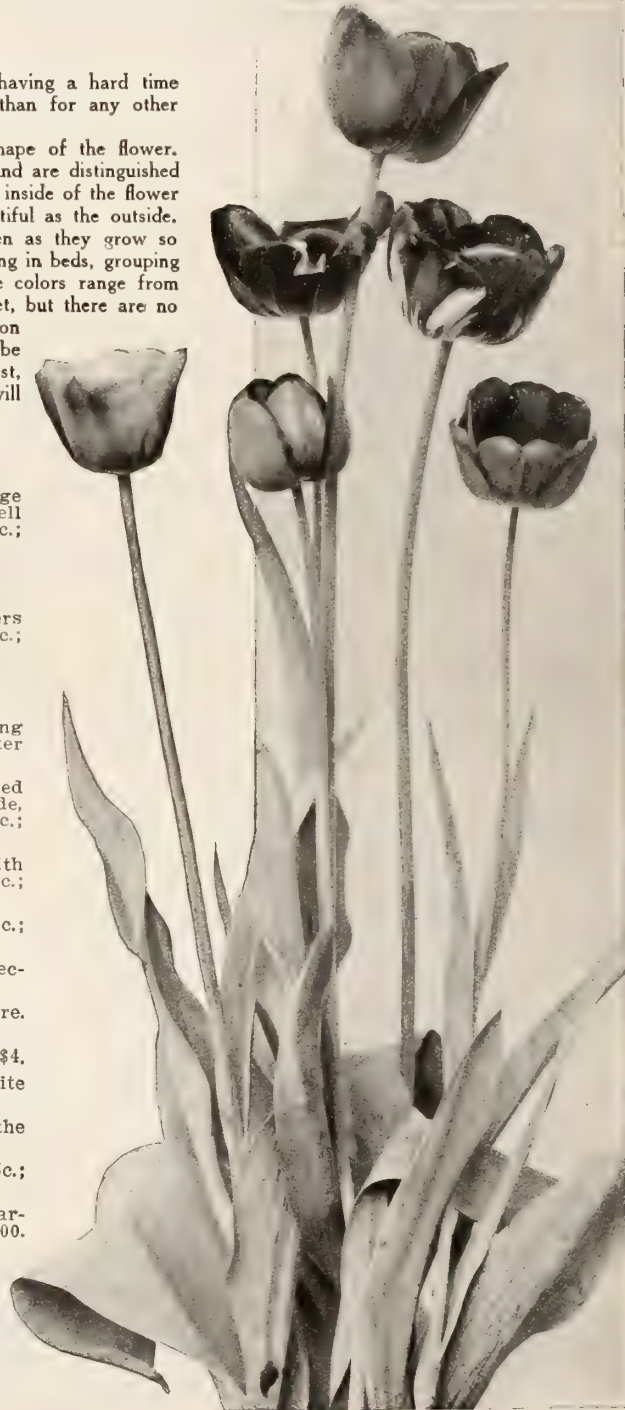
Kate Greenaway—A tall grower and later than most Darwins. White tinged with lilac. Each, 5c.; doz., 50c.; 100, \$3.00.

Loveliness—Another beautiful variety, being a rosy carmine color; fine flower. Each, 6c.; doz., 60c.; 100, \$3.50.

McIntosh—Brilliant rose; beautiful. Each, 5c.; doz., 40c.; 100, \$2.50.

All sorts in Splendid Mixture, each, 4c.; doz., 35c.; 100, \$1.75.

The new book, "Tulips," by the noted English authority, Rev. Joseph Jacobs, contains 8 photographic illustrations in accurate colors. Price 70c. postpaid.



Narcissi, or Daffodils

No flower of the whole bulb family is more popular than the beautiful and fragrant Narcissus. It is perfectly hardy, except the Polyanthus varieties. Once planted, Narcissus need little attention, steadily increasing in strength and beauty as the years pass, the bulbs multiplying rapidly, until flowers without number can be gathered. The bulbs should be lifted every three years and reset. Narcissus do well in almost any soil, and in sun or partial shade. For house culture nothing is finer, needing practically the same treatment as the Hyacinths.

We send all *Narcissus* bulbs by parcel post, express or freight, customer paying charges unless otherwise noted.

Single-Flowering Narcissus (Single Daffodils)

Emperor

Most beautiful sort, large flowers. Primrose petals, brilliant yellow trumpet. Of strong, stately habit. Excellent for bouquets. Each, 5c.; doz., 35c.; 100, \$2.00.

Victoria

New. Large durable flowers; broad, creamy white perianth; rich yellow, fluted trumpet; 18 inches high; very fine. Each, 5c.; doz., 45c.; 100, \$2.50.

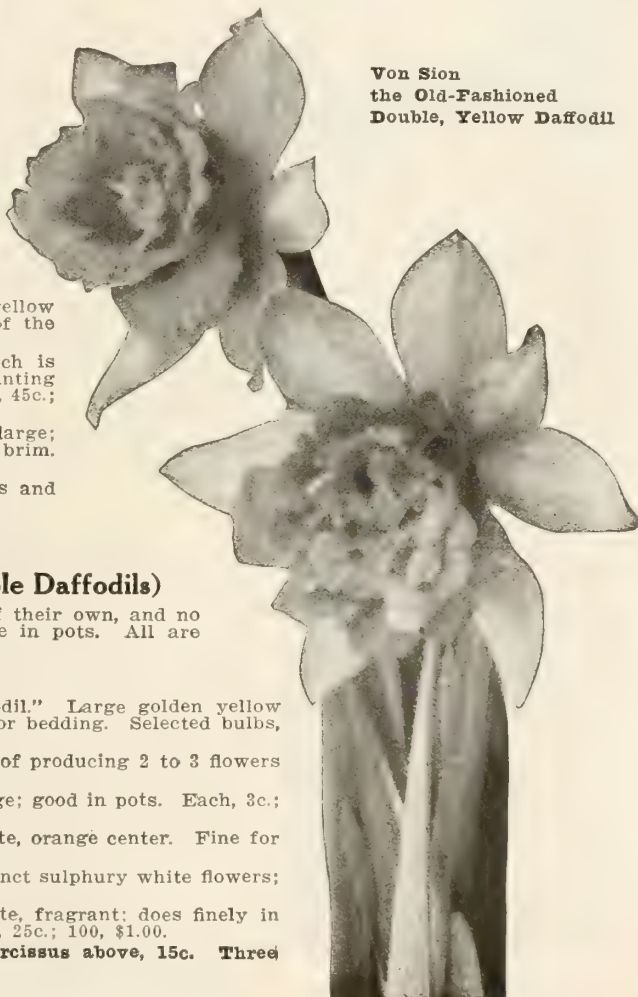
Golden Spur—Large, richly perfumed, bold, golden yellow bowers. Each, 5c.; doz., 45c.; 100, \$2.50.

Empress—White perianth, deep yellow trumpet. A very beautiful sort and a good companion to "Emperor." Each, 5c.; doz., 45c.; 100, \$2.50.

Bicolor Grandis—Large, yellow trumpet, pure white petals; grand size; late flowering sort. Each, 3c.; doz., 30c.; 100, \$1.50.



"Emperor"



Von Sion
the Old-Fashioned
Double, Yellow Daffodil

Bicolor Horsfieldi—Very similar to Empress, but blooms sooner. Rich yellow trumpet and pure white perianth. Each, 4c.; doz., 35c.; 100, \$1.50.

Madame Flemp—Large, pure white perianth and golden yellow trumpet of fine substance make this sort one of the best of the "bicolor" Daffodils. Each, 5c.; doz., 45c.; 100, \$2.50.

Henry Irving—An old, but deservedly popular sort, which is equally well adapted to forcing, growing in pots or planting outdoors. It is among the earliest to bloom. Each, 5c.; doz., 45c.; 100, \$2.50.

Mrs. Walter Ware—Petals of the perianth are white and large; the long trumpets are well expanded and frilled at the brim. Each, 4c.; doz., 35c.; 100, \$2.00.

Princeps—A magnificent flower, with light yellow petals and deep yellow trumpet. Each, 3c.; doz., 25c.; 100, \$1.00.

Mixed Single Narcissus—Each, 4c.; doz., 35c.; 100, \$1.75.

Double-Flowering Narcissus (Double Daffodils)

The Double-Flowering Daffodils have a peculiar charm of their own, and no garden is complete without them. Fine for house culture in pots. All are perfectly hardy outdoors.

Von Sion

(See illustration)—The famous "Old Double Dutch Daffodil." Large golden yellow flowers of fine form. Elegant for forcing and unexcelled for bedding. Selected bulbs, each, 5c.; doz., 45c.; 100, \$3.50.

DOUBLE-NOSED VON SION—Extra large bulbs, capable of producing 2 to 3 flowers each. Each, 6c.; doz., 50c.; 100, \$3.50.

Incomparable (Butter and Eggs)—Orange and yellow; large; good in pots. Each, 3c.; doz., 30c.; 100, \$1.50.

Orange Phoenix (Eggs and Bacon)—Beautiful, double white, orange center. Fine for forcing or garden. Each, 4c.; doz., 30c.; 100, \$1.50.

Sulphur or Silver Phoenix (Codlins and Cream)—Fine distinct sulphury white flowers; forcing or garden. Each, 5c.; doz., 35c.; 100, \$1.75.

Alba Plena Odorata (Double Poet's Narcissus)—Pure white, fragrant; does finely in moist and shady places. Cannot be forced. Each, 3c.; doz., 25c.; 100, \$1.00.

SPECIAL OFFER—One bulb each 5 different Double Narcissus above, 15c. Three each of the 5 varieties for 40c., postpaid.

Double Mixed Narcissus, each, 3c.; doz., 30c.; 100, \$1.50.

Miscellaneous Varieties of Daffodils and Narcissus

The types listed on the preceding pages are those most generally known and planted, but amongst the "Medium" and short-cupped varieties are to be found some of the most beautiful and satisfactory of all Narcissi, both for garden decoration and for cutting. There is no finer Narcissi than "Barri Conspicuis," a beautiful sulphur yellow bloom, very large, fragrant and hardy. In "Sir Watkin" we have a variety with shorter trumpet than Emperor and with narrow petals. It is one of the first to flower, being in bloom the same time as "Golden Spur." "Stella," as its name indicates, is a star-shaped flower, creamy white, very hardy and flowers profusely. "Poeticus Ornatus" is one of the few pure white varieties, the old Poet's Narcissi which has been grown for many years, absolutely hardy and grows everywhere. Then we have the Jonquil, which is one of this most interesting family—golden yellow and fragrant and usually produces two and three flowers on a stalk and sends up several stalks in succession. It is a little beauty. The Bulbocodium or "Hoop Petticoat," as it is called, is a quaint little flower, also one of the Narcissi and worth growing, although not so showy as the other types. When we get into the Polyanthus varieties we must depend on indoor culture to produce the flowers as none of them are hardy except in the extreme South.



"Sir Watkin"
A "Medium Trumpet" Daffodil

Barri Conspicuis

Very large bloom; beautiful sulphur-yellow, with spreading cup of deep orange, richly stained with scarlet; magnificent. Each, 3c.; doz., 25c.; 100, \$1.00.

Sir Watkin

Sir Watkin (also known as Giant Chalice Flower or Big Welshman)—A gigantic flower of a rich primrose, with golden trumpet; fine for pots. Each, 5c.; doz., 45c.; 100, \$2.75.

Stella

Large pure white star-shaped blooms with yellow cup; early. Each, 3c.; doz., 25c.; 100, \$1.00.

Poeticus Ornatus

A dainty little beauty, widely grown and greatly admired. Excellent for naturalizing along walks, in meadows, along brooks—anywhere. Fragrant white flowers, with crimson edged cups. 2 for 5c.; doz., 15c.; 100, 80c.; 1000, \$7.50.

Leed's Crown Daffodil—Mrs. Langtry

A hybrid between the trumpet daffodils and the fragrant "Poeticus ornatus." Of delightful fragrance and charming form. Mrs. Langtry is one of the most popular of these silver-winged daffodils which are splendidly adapted to naturalizing. Bloom freely, with white cup and white perianth. Most bulbs of this sort bear two flowers. Each, 3c.; doz., 25c.; 100, \$1.00.

Bulbocodium (Hoop Petticoat)

Rich golden yellow; dwarf; fine for edgings. Each, 7c.; dozen, 60c.; 100, \$4.00.

Jonquils (Narcissus Jonquilla)

Easily grown, small-flowering Daffodils, with graceful golden-yellow flowers of delightful fragrance. They thrive equally well in pots or outdoors and make a fine display as cut-flowers in vases.

Single Jonquils—Rich golden-yellow; fragrant; fine for pots or garden. 2 for 5c.; doz., 15c.; 100, 85c.; 1000, \$7.50.

Double Jonquils—Full double; deep golden-yellow; very sweet scented. Each, 5c.; doz., 45c.; 100, \$2.50.

Campernelle—Blooms very large and rich yellow in color; deliciously fragrant. 2 for 5c.; doz., 15c.; 100, 85c.

Campernelle Bugulosus—This is a giant form of the above; very fine. Each, 3c.; doz., 20c.; 100, \$1.00; 1000, \$8.50.

Special Offer

6 each of the above 4 varieties of Jonquils, 24 bulbs in all, 35c., by mail, postpaid.

Send for "The Daffodil," a new book on Narcissus, by Rev. Joseph Jacobs. A companion volume to his work on Tulips and contains, beside much valuable text, 8 photographic plates in natural colors. 70c. postpaid.



Jonquil

Polyanthus Narcissus (Nosegay Daffodils)

Beautiful, delightfully fragrant flowers of the easiest culture, bearing tall spikes of bloom with 6 to 20 flowers each. Suitable for house culture in earth or water. Not so hardy as Double and Single Daffodils.

Gloriosa

Large, pure white, with deep orange cup; distinct, fine; early flowering. **Each, 5c.; doz., 50c.**

Grand Monarque

Pure white, with primrose yellow cup; large flowered; very fine variety. **Each, 5c.; doz., 50c.**

Grand Primo

Pure white, with lemon yellow cup; fine for cut-flowers. **Each, 5c.; doz., 50c.**

Grand Soleil d'Or

A charming rich yellow flower, with deep orange cup; noted free bloomer. **Each, 5c.; doz., 50c.**

Jaune Supreme

Beautiful primrose yellow, with orange cup; a very choice sort. **Each, 5c.; doz., 50c.**

Paper White

Pure white, fragrant flowers. **Each, 3c.; doz., 30c.; 100, \$1.50.**

Staten Generaal

One of the earliest. Large, bold white flowers with lemon-yellow cup. Elegant sort for cutting. **Each, 5c.; doz., 50c.**

SPECIAL OFFER One bulb each of above 7 Superb Polyanthus Narcissus for 25c. Three each of the 7 varieties for 70c., by mail, postpaid.



Paper White Narcissus

Chinese Sacred Lily (Narcissus Orientalis)

Joss Flower, or Flower of the Gods

A Narcissus of the Polyanthus type, grown largely in China for the decoration of the temples (joss houses) on New Year's Day. The lilies are mostly grown in bowls with water, with enough stones, etc., around to prevent the bulbs from toppling over. They make a growth similar to that of Paper White Narcissus, illustrated on this page. The bulbs, however, as well as the plants, are much larger.

In 4 to 6 weeks' time they produce a profusion of creamy white flowers with golden yellow cups, borne in clusters. Begin planting about October 1, and for succession every week until Christmas.

By parcel post or express, customer paying charges: **Each, 10c.; doz. for 25c.; 100, \$1.00.** Original basket, 30 bulbs, \$1.75.

Giant Flowering

Paper White Narcissus

(EXTRA LARGE BULBS)

Easily Grown

Of Exquisite Fragrance

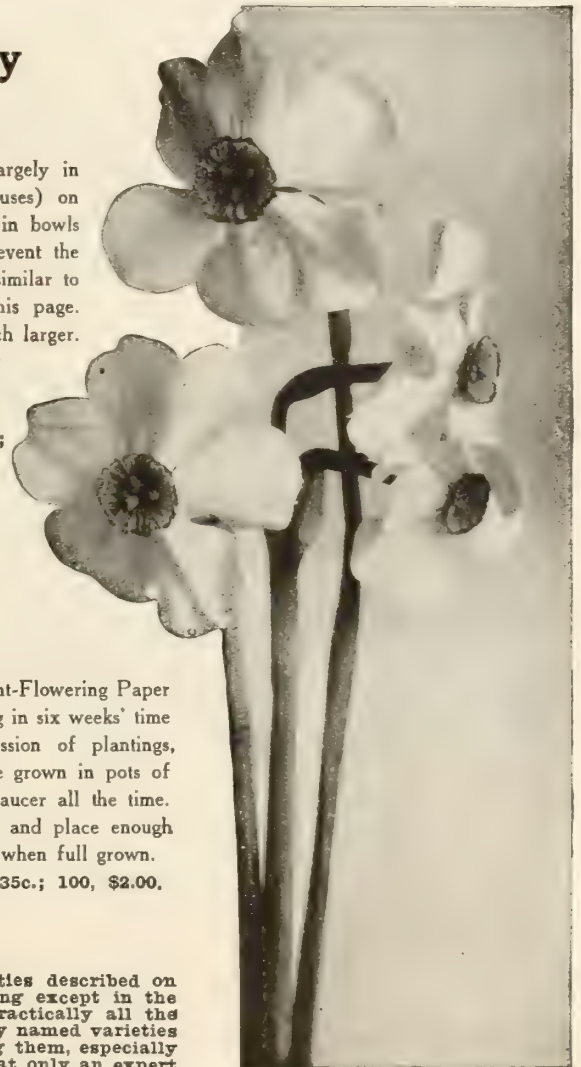
Sure to Grow and Bear Flowers

Of all bulbs for winter blooming indoors, none compare with the Giant-Flowering Paper White Narcissus in desirable qualities. It is the easiest to bloom, producing in six weeks' time giant clusters of pure white, exquisitely scented flowers. By a succession of plantings, continuous flowers may be had from November until March. It may be grown in pots of soil; give the bulbs an abundance of water, allowing it to stand in the saucer all the time. When grown in water, put the bulbs in a shallow glass or china bowl and place enough fancy pebbles and shells around them to prevent them from toppling over when full grown.

By parcel post or express, customer paying charges: **Doz., 35c.; 100, \$2.00.** See Page 2 for parcel post rates, weights and rulings.

Special Notice

Do not attempt to grow in the open ground any of the varieties described on this page. None of them are hardy enough for outdoor planting except in the extreme South. You will find on the two preceding pages practically all the varieties of merit for garden culture. There are, of course, many named varieties which are so high-priced that we do not feel warranted in offering them, especially as in many cases they differ so little from standard varieties that only an expert can detect such difference. We know you will be satisfied if you purchase any of those we offer.



Poeticus or Poet's Narcissus

Crocuses

Our earliest spring flowers. Hardly has snow left the ground when out of the grass and shrubbery peep these bright little flowers. Planted in large groups of distinct colors or scattered at random through the lawn, lend a touch of color and cheer to the otherwise dreary landscape.

While Crocuses may be grown with equal success in pots, pans or boxes, they produce by far the most striking effects amidst natural surroundings. They are very easily established, and their cost is so trifling that even modest purses can afford liberal plantings. Insert them in the lawn, making a small opening with a trowel. For indoor blooming, plant 6 or 8 bulbs in a 6-inch pot. Crocuses are absolutely hardy, and will live in the open ground for years.

Mammoth Flowering-Named Crocuses

At the dozen and 100 rates we send Crocuses by mail, postpaid. At the 1000 rates, we send by parcel post, express or freight, the customer paying charges. See Page 2 for table.

Price—All named sorts at the uniform price of 20c. per doz., \$1.00 per 100; \$9.00 per 1000, except where noted.

Albion—Dark purple, striped white; extra large, fine flower.

Baron von Brunow—Very large; deep, rich purple.

Cloth of Gold—Deep golden yellow, striped with bronze. 15c. per doz.; 75c. per 100; \$6.50 per 1000.

Cloth of Silver—Silvery white, striped lilac; fine sort. 15c. per doz.; 75c. per 100; \$6.50 per 1000.

Mammoth White—Largest of the pure white varieties; extra fine.

Mammoth Yellow—Rich golden yellow; blooms are mammoth in size; bulbs extremely large and very free flowering. Showiest of all.

Purpurea Grandiflora—One of the finest purple sorts. Large flowering, showy and free blooming.

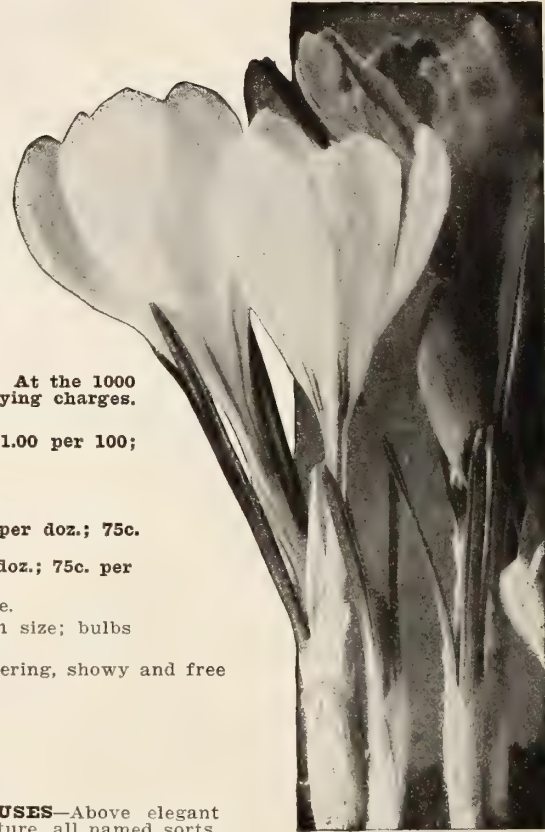
Sir Walter Scott—Extra large; white, purple striped.

Prince Albert—Light purple; fine large flower.

Madame Mina—White, striped lavender blue.

Queen Victoria—Purest white; very large; free bloomer.

MAMMOTH MIXED CROCUSES—Above elegant named varieties, in finest mixture, all named sorts, at the uniform rate of 15c. per doz.; 90c. per 100; \$8.00 per 1000.



Crocus.

Crocuses in Separate Colors

Our mixtures are composed of fine, large and healthy bulbs. **Price, for all mixtures, 10c. per doz.; 50c. per 100; \$4.50 per 1000.**

Blue and Purple Shades, Mixed; Striped and Variegated Sorts, Mixed; White Varieties, Mixed: Golden Yellow. All Colors, Mixed.

Freesias

One of the most popular and charming bulbs we offer for pot culture in the home or conservatory. Six or eight bulbs should be planted in a 5-inch pot. They will force very easily, and if planted early can be had in bloom by Christmas. By having a dozen or more pots, and bringing them in the window garden at intervals, a continuous display of bloom throughout the winter and spring may be easily maintained. **While rooting Freesias, keep in a cool, light place; they should not be put in the dark like most other bulbs.**

Refracta Alba—Flowers pure white with yellow throat; exquisitely fragrant. **Mammoth Bulbs**—2 for 5c.; doz., 25c.; 100, \$1.50. **First Size Bulbs**—3 for 5c.; doz., 15c.; 100, \$1.00.

New Freesia Purity

This grand Freesia is the largest and purest white variety in existence. It produces from 6 to 12 enormous snowy white flowers on stems from 20 to 30 inches high. **Each, 4c.; doz., 35c.; 100, \$1.75.**

Freesia bulbs sent by mail, postpaid.

Lily Candidum (Madonna Lily)

This is the beautiful, white, hardy lily flowering in our gardens in June. The flowers are large and delightfully fragrant. They are perfectly hardy, only they should be planted either in August or September, as they make a fall growth which is necessary if flowers are to be secured the year following planting. Never plant in the spring. Set 6 inches deep in good soil and do not mulch, as this has a tendency to rot the foliage.

Each 15c.; 2 for 25c.; \$1.50 per doz.; \$9.00 for 100, by parcel post or express at customer's expense.



Candidum or
Madonna Lily.

Lilies

Everybody wants these beautiful flowers and no garden is considered complete without some varieties. The Candidum or Madonna Lily is, perhaps, the most popular of all because of its hardiness and beauty. There is no lily more fragrant than this and once planted it lasts indefinitely. *Lilium Harrisii* is the true Easter Lily and can be planted in pots for Winter flowering. *Longiflorum* is similar to *Harrisii* and can be used in the same manner or planted in the garden. *Elegans* differs from most varieties in that the flowers are borne upright on the stalks, not drooping in the manner of other types. *Tenuifolium* is the little Coral Lily of Siberia and comes into bloom in May. The old-fashioned Tiger Lily or *Tigrinum Splendens* is always popular and grows anywhere, being abnormally hardy and indifferent to soil or location.

What we term the Japanese Lilies are of a different type. *Auratum* has an immense flower and is very fragrant. The *Speciosum* varieties have flowers of the same form as the Tiger Lily, but their coloring is much more delicate and the variety *Album* is pure white except for a greenish band in the center of each petal.

Lilies thrive best in rather sandy soil and no manure should be put where it will touch the bulbs. Partial shade is best for all varieties and plenty of water is required during growth, although the bulbs must not be planted in low places where water stands. Set the bulbs at least five inches deep and when the ground is frozen cover with leaves or manure.

About Delivery of Lily Bulbs

L. Candidum and *L. Harrisii* arrive in this country in August, when they are ready for shipment. The Japanese varieties are not ready until November. The beds for them should be prepared during the Fall and covered with litter to prevent freezing. All other sorts are ready for mailing during September. Plant all Lily bulbs as soon as you get them.

Tenuifolium (Coral Lily)—Blossoms in May; bears in abundance perfectly formed medium sized flowers of a dazzling orange-scarlet; height, 2 feet; perfectly hardy. **Each, 15c.; 2 for 25c.; doz., \$1.50.** (Weight, 1½ lb. per doz.)

Longiflorum—Snow white; fragrant; long trumpet-shaped flowers; blooms later than the *Harrisii*; splendid for growing in pots for Easter; in the garden it blooms in June; it is quite hardy. **Each, 15c.; 2 for 25c.; doz., \$1.25.** (Weight, 3½ lb. per doz.)

Elegans (Umbellatum)—Erect flowers, borne in clusters, some of the hardiest and easiest grown varieties are included in this class; very rich colors, in hues of red and yellow; blooms in June; height, 2 feet. **Each, 15c.; 2 for 25c.; doz., \$1.50.** (Weight 2 lb. per doz.)

Tigrinum Splendens—The old-fashioned Tiger Lily; hardy anywhere; beautiful orange-red flowers, spotted with black; blooms in August; about 4 feet high. **Each, 15c.; 2 for 25c.; doz., \$1.50.** (Weight, 1½ lb. per doz.)

Lilium Harrisii (Bermuda Easter Lily)

This grand Lily is without question the best for greenhouse forcing or winter blooming in pots in the house. The flowers are trumpet-shaped, pure waxy-white and exquisitely fragrant. The bulbs should be potted in the early Fall, using a very rich soil, and kept in a cool dark place to get a strong root growth before the tops start. Height, about 3 feet. Our first size bulbs will bear from 6 to 12 flowers; smaller sizes 4 to 6.

Extra size Bulbs, each, 25c.; doz., \$2.50. (Weight, 4 lb. per doz.) **First size Bulbs, each, 15c.; doz., \$1.50.** (Weight, 3 lb. per doz.)



The Four Best Japanese Lilies

The following Lilies come from Japan and do not reach this country before the end of November. Orders for these bulbs are filled immediately upon their arrival. If there is danger that the ground will be frozen before they arrive, prepare the bed in the early Fall, digging to depth of at least one foot, and about November 1 cover with from 6 to 10 inches of stable manure, leaves or other mulch. This will prevent the bed from freezing. This can be removed and bulbs planted when they arrive.

Auratum

(Golden-Rayed Lily of Japan)—(See illustration)—Flowers are very large, graceful and fragrant; pure white in color, thickly studded with chocolate-crimson spots, and a golden band running through the center of each petal; perfectly hardy; height, 3 to 5 feet.

First size Bulbs, each, 15c.; doz., \$1.50. (Weight, 3 lb. per doz.) **Extra size Bulbs, each, 25c.; doz., \$2.50.** (Weight, 5 lb. per doz.)

Speciosum Rubrum, or Roseum—Light rose, heavily shaded and spotted rosy-crimson. **First size Bulbs, each, 15c.; 2 for 25c.; doz., \$1.50.** (Weight 3 lb. per doz.) **Extra size Bulbs, each, 20c.; 2 for 35c.; doz., \$2.00.** (Weight 4 lb. per doz.)

Speciosum Melpomene—Darker shade than the above, heavily spotted with crimson. **Each, 15c.; 2 for 25c.; doz., \$1.50.** (Weight, 3 lb. per doz.)

Speciosum Album—Large, fragrant, pure white flowers, with a greenish band running through the center of each petal; height, 3 to 4 feet; bloom at midsummer. **Each, 20c.; 2 for 35c.; doz., \$2.00.** (Weight, 4 lb. per doz.)

All Bulbs are sent by parcel post or express, customer paying charges, unless otherwise stated.

The Spanish Iris

(See Illustration)

We feel warranted in devoting space to this wonderful flower, so little known and yet one of the most satisfactory flowers grown. There is nothing in our whole catalog which equals it in brilliancy and softness of color. The shades of blue, yellow, brown, and white, together with various combinations of these colors, make a flower altogether beautiful and one which everybody wants once they have seen them. The bulbs are small, all out of proportion to the size of the flowers produced, and are very hardy. They can be planted as soon as procurable (about October 15th) and on to the time the ground freezes up and being set about three inches apart and three to four deep, will be sure to give a good account of themselves the following June—just at the time we need them most. You can leave them in the ground a couple of years and the second year you will get more flowers than the first. You can then dig when ripe and reset them for another crop. Considering their beauty, hardiness and low price at which they can be bought, there is nothing we can offer which has so great value. They are being used now very largely by florists for cut-flowers, being of such pure colors that they are available for all classes of decorating. We hope every one will order Spanish Iris, knowing they will be delighted with the flowers.

Belle Chinoise—Pure yellow, very fine.

Blanche Fleur—White tinted.

British Queen—Pure white. One of the best.

Cajanus—Fine, large, clear yellow; very attractive.

Queen Wilhelmina—Pure white, fine.

Sophie Jaffee—Large lemon yellow.

L'Unique—Blue and white, distinct; beautiful.

King of the Blues—Large, deep blue.

La Reconnaissance—A very fine bronze. Rare shade of great beauty.

Excelsior—Largest light blue.

Any of the above, 25c. per doz., \$1.00 per 100, \$8.00 for 1000.

Livingston's Superb Mixture of Spanish Irises—doz., 15c.; 100 for 75c.; 1000 for \$5.00. (Weight, 3 lb. per 100.)

English Iris

(Iris Anglica)

Still another of this most interesting type of plants flowering after the Spanish variety and having large flowers more the shape of the German Iris or Flag. The range of colors is not so great as in the other types of Iris, but coming at the season it does, and with its larger flowers and fine stems, making it very valuable for cutting and garden decoration, it is a very useful plant and well worth a place in every garden. The colors range from white through shades of lavender to purple and a purplish crimson, but there are no yellow or browns as is the case with the Spanish and German varieties. Try a few of these together with the Spanish Iris and see what a fine display they make. Fine mixed colors, 30c. doz.; \$1.60 per 100. (Weight 4 lb. per 100.)

Japanese Iris (Iris Kaempferi)

This class produces flowers measuring 6 to 8 inches in diameter, carried on stems 2 to 4 feet tall. For best development, Japanese Iris should be planted in moist soil, with full exposure to the sun. During the growing and blooming period it will do the plants good to flood the land several times. They will then produce their glorious flowers in great masses. Japanese Iris grow anywhere in this country and are as hardy as oaks.

Finest single sorts mixed, each, 15c.; doz., \$1.50.

Finest double sorts mixed, each, 15c.; doz., \$1.50.

(Weight 6 lb. per doz. Single roots mailed free.)



Iris Germanica (Fleur de Lis)

Every one is familiar with the old "Flag" or "Flag Lily," as it is sometimes called, but do not know it under its botanical name of *Iris*, the type illustrated being the German *Iris* and the one most generally grown. Few have any conception of the beauty of this flower in the improved varieties, and considering its hardiness, together with its beauty and ease of culture, it should be found in all gardens. There is considerable variation in the time of blooming of the different varieties so that one can have a succession of flowers for some time, commencing with the Florentine, a big pale lavender flower and very sweet scented, on to *Speciosa*, and *Pallida Dalmatica*, making some five weeks' blooming period.

Florentina—The first to flower and one of the largest; pale lavender, almost white and very fragrant; 26 inches high. Each, 15c.; doz., \$1.50.

Sans Souci—The upper portion of the flower or "Standard" is bright yellow, the lower part or "Fall" is brown; 28 inches high. Each, 15c.; doz., \$1.50.

Queen of May—A peculiar lilac shaded with pink, fragrant and fine; thirty inches tall. Each, 15c.; doz., \$1.50.

Darius—Standards lemon yellow; Falls purple with yellow edge; one of the largest and a beauty; 30 inches tall. Each, 15c.; doz., \$1.50.

Aurea—A solid chrome yellow; rather late; 26 inches tall. Each, 15c.; doz., \$1.50.

Mrs. H. Darwin—Almost a pure white, the petals being only faintly margined with blue; 30 inches tall. Each, 15c.; doz., \$1.50.

Madam Chereau—This is the most beautiful of all, being white, heavily margined with lavender; a beautiful flower either for garden or house decoration; 36 inches tall. Each, 15c.; doz., \$1.50.

Pallida Dalmatica—The last to bloom; a pure, deep lavender flower on tall stems; 36 inches tall. Each, 25c.; doz., \$2.50.

Speciosa—A reddish purple, very free flowering; late; 30 inches tall. Each, 15c.; doz., \$1.50.

Ulysse—The Standards are drab tinged with bronze, and Falls purple; an odd flower. Each, 15c.; doz., \$1.50. (Weight, 6 lb. per doz. Single roots mailed free.)

Calla Lilies

They should be planted in rich soil, and plenty of water during the growing period is essential to ideal development. Keep them dormant during the Summer months. This may be done by gradually reducing the amount of water given them.

Calla Ethiopica, or Lily of the Nile—Will always be a favorite on account of its attractive, glossy green foliage and elegant, waxy-white flowers of good substance and lasting qualities. Each, 15c.; dozen, \$1.50.

Golden Yellow Calla (Elliottiana)—Most beautiful and rare species, with flowers of rich, clear golden yellow color. Each, 50c.; doz., \$5.00.

Amaryllis

Amaryllis Johnsoni (Bermuda Spice Lily)—This variety is very popular; bears large flowers of bright red, with a white stripe down each petal; an early bloomer. Large Bulbs, each, 65c.; doz., \$6.50. (Weight, 4 lb. per doz. Single Bulbs mailed free.)

Amaryllis Formosissima (Jacobean Lily)—Bears a flower very beautiful and oddly shaped, dark scarlet in color. A free bloomer; forces well and can be grown in water. Each, 15c.; 2 for 25c.; doz., \$1.50. (Weight, 2 lb. per doz. Single Bulbs mailed free.)





Tuberous Rooted Begonias

Ready for Mailing About December 1st

Very few plants are better adapted to the decoration of the window garden and the conservatory than the Tuberous Begonia. As a constant and free bloomer, with color tints rich and varied and a readiness to respond to ordinary cultural cares, it is not to be excelled as a house plant.

For inside culture allow the tubers to sprout in a moist, warm place before planting. Plant in a pot filled with equal parts leaf-mold, garden soil and sand, settling the tuber into the soil to the depth of one inch. Be cautious in the amount of water given until active growth begins and then increase the amount gradually. At no time give them more than to make and keep the soil moist all through.

Single varieties, frilled, five colors, mixed, each, 8c.; 2 for 15c.; doz., 75c.

Double varieties, five colors, mixed, each, 15c.; 2 for 25c.; doz., \$1.50.

Anemones (Wind Flowers)

Very beautiful spring-blooming plants of the brightest and handsomest colors. Anemones make fine pot plants for the window garden. They require some protection outdoors, although quite hardy, and will thrive in any garden soil, but are partial to shaded positions for the greater portion of the day.

Single Mixed—A great variety of colors. Each, 2c.; doz., 20c.; 100, \$1.00.

Double Mixed—A fine assortment of colors. Each, 4c.; doz., 35c.; 100, \$2.00.

Ixias

The brilliant and varied hues of these most graceful and beautiful winter-blooming bulbs make them especially prized for indoor culture. Plant a dozen bulbs in a 6-inch pot and set in a cool place; treat the same as other Autumn bulbs. In the garden they need ample protection, and should be planted in a well-drained situation, if possible. All colors, assorted, each, 2c.; doz., 15c.; 100, 50c.

Oxalis

Six or eight bulbs should be planted in a 5-inch pot or hanging basket. Give partial shade when in bloom, and the flowers will last much longer.

Bowell—Bright rosy crimson, large. Each, 3c.; doz., 30c.; 100, \$1.50.

Lutea—Pure-canary-yellow. Each, 3c.; doz., 30c.; 100, \$1.50.

Alba—White. Each, 3c.; doz., 20c.; 100, \$1.00.

Hirta—Bright pink. Each, 2c.; doz., 15c.; 100, 75c.

Mixed, all sorts—Each, 2c.; doz., 10c.; 100, 50c.

Snowdrops (See Illustration Above)

One of the very earliest flowers to greet us in Spring with their nodding blooms of pure white borne on stems about 6 inches high. They come a few days earlier than the Crocus, appearing frequently in March, before the snow has disappeared. The single variety comes a little the earliest. In the lawn or in masses, makes a pleasing contrast with Scilla or Crocus.

Single—2 for 5c.; doz., 15c.; 100, \$1.00.

Double—3 for 10c.; doz., 30c.; 100, \$2.00.

All prices quoted on this page are by parcel post prepaid, except where noted.

Ranunculus

Requires a cool situation and deep, rich, well-drained soil. Plant in Autumn. The bulbs have tooth-like prongs or claws, and those should be planted downward 3 inches deep, 6 inches apart, and given plenty of protection during Winter. In Northern climates they should be grown in pots in the house only. The following varieties at the uniform price of, each, 2c.; doz., 15c.; 100, 75c.

French—Mixed. Persian—Mixed. Turban—Mixed.

Camassia Esculenta

Perfectly hardy, thriving well in partially shaded situations. Flower stems about 2 feet tall, and bear 20 or more clear, blue flowers, nearly two inches across. Each, 3c.; 2 for 5c.; doz., 15c.; 100, 75c.

Chionodoxa Luciliae (Glory of the Snow)

Charming blue and white flowers, blooming at the first sign of Spring; perfectly hardy outdoors. For effective show should be planted in groups or lines of 25 or more bulbs. May also be grown indoors, like Freesias. Each, 3c.; 2 for 5c.; doz., 15c.; 100, \$1.00.

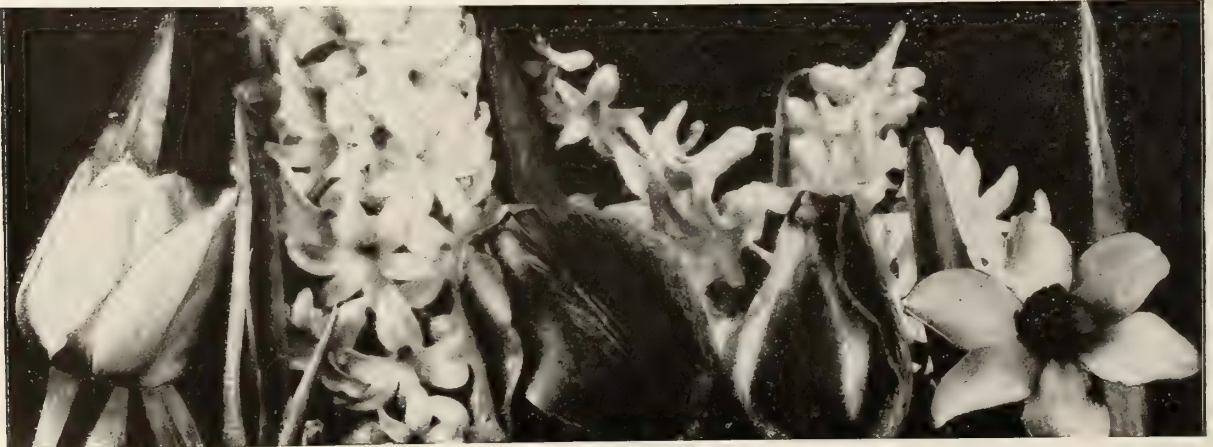
Scilla Siberica

Scilla Siberica is one of the hardiest bulbs we have, and is very valuable for a permanent edging to bed or border. They are very useful in combination with Crocuses or Snowdrops. Their intensely blue, bell-shaped flowers are exquisite. They are also grown in pots, 6 to 8 bulbs in a 5-inch pot. 2 for 5c.; doz., 15c.; 100 for \$1.00.

Scilla Alba—New, white-flowering variety; very beautiful. 2 for 5c.; doz., 15c.; 100, \$1.00.

Ornithogalum (Star of Bethlehem)

A beautiful plant producing pearly-white flowers with a jet-black center, and having a delightful aromatic perfume. The flower stems are 18 to 24 inches high, and the blooms remain perfect for a long time. Arabicum—Large bulbs, each, 4c.; doz., 35c.; 100, \$2.00. (Weight, 1½ lb. per doz.; 10 lb. per 100.) Not prepaid.





Choice Bulb Collections

Livingston's \$1.00 "Success" Collection of Bulbs

A GREAT BIG DOLLAR'S WORTH OF THE BEST BULBS FOR WINTER-BLOOMING INDOORS.

The bulbs listed below are all first quality, of the most desirable varieties, will grow quickly and bloom freely. If you have had poor luck with bulbs or been disappointed in the flowers, try this "Success" Collection.

- | | | |
|---------------------------------------|-------------|-----------------------------------|
| 4 Hyacinths, all different colors, | 6 Freesias, | 4 Polyanthus Narcissus, assorted, |
| 6 Roman Hyacinths, early, pure white, | 6 Oxalis, | 1 Large White Calla Lily, |
- together with 4 of Livingston's Giant-Flowering Paper White Narcissus.

THE "SUCCESS" COLLECTION WILL BE DELIVERED ANYWHERE IN THE UNITED STATES FOR \$1.00.

"Garden" Collection—Hardy Bulbs

For Planting in the Open Ground

This collection is made up of the same choice bulbs as are listed in this catalogue. They are all perfectly hardy and should be planted this fall in the open ground, and beginning in March, and sometimes in February, they will give an endless amount of gorgeous flowers throughout April and May. Our collections being offered at prices far below our regular rates, we cannot allow any changes to be made.

"GARDEN" COLLECTION

- | | |
|--|--|
| 12 Bedding Hyacinths, red, white, blue, separate colors, | 12 Parrot Tulips, |
| 24 Tulips, Sin., early, mix., | 12 Narcissus, single, mixed, |
| 12 Tulips Doub. early, mix., | 12 Narcissus, doub., mixed, |
| 24 Tulips, late or May-flowering, mixed, | 48 Crocus, white, yellow, purple, separate colors, |
| | 12 Jonquils, mixed, |
| | 24 Scilla Siberica, |
| | 12 Snowdrops. |

PRICE—Full "Garden" Collection (200 bulbs) as offered above, delivered free in the U. S., for **\$3.50.**

PRICE—Half "Garden" Collection (100 bulbs) one-half quantity of each of above varieties, delivered free in United States, for **\$2.00.**

"Sunshine" Collection of Bulbs

For Winter-Blooming Indoors

This collection contains 100 of our best bulbs. They have been carefully selected, and will prove a veritable mine of delightful surprises, bringing brightness, beauty and fragrance by their continuous display of flowers through the winter. Our collections are offered at extremely low prices, and we cannot make any alterations.

"SUNSHINE" COLLECTION

- | | |
|--------------------------------|-------------------------------|
| 6 Hyacinths, sing., dif. col., | 12 Jonquils, Campernelle, |
| 6 Hyacinths, double, | 12 Narcissus, sing., assort., |
| 12 Tulips, mixed forcing, | 6 Narcissus, doub., assort., |
| 6 Roman Hyacinths, | 2 Calla Lilies |
| 2 Chinese Sacred Lilies, | 10 Oxalis, assorted, |
| 12 Paper White Narcissus, | 2 Easter Lilies, |
| 6 Freesias, | 6 Ixias, mixed. |

PRICE—Full "Sunshine" Collection (100 bulbs) as offered above, delivered free in the United States, for **\$3.00.**

PRICE—Half "Sunshine" Collection (50 bulbs), one-half quantity of each of above kinds, delivered free in United States, for **\$1.75.**

Livingston's Collection of "Hardy Border" Bulbs

The bulbs selected for this collection are especially suitable for planting among shrubbery, trees and for naturalizing in semi-wild places. Planted in small groups in the herbaceous border, they are exceedingly effective. They will not interfere with the other permanent plants, are perfectly hardy and will last for many years without being disturbed. They are very cheap, and should be planted liberally for best results. **1000 Bulbs, \$7.50, by express, not prepaid.**

- | | |
|--|---|
| 200 Crocus. 4 different colors (separate), | 100 Scilla Siberica, |
| 100 Early Tulips, mixed, | 100 Chionodoxa Luciliae, |
| 100 May-flowering Tulips, mixed, | 50 Narcissus, Von Sion, double yellow Daffodil, |
| 100 Narcissus, Poeticus Ornatus, | 50 Narcissus, Alba Plena Odorata, |
| 100 Jonquils, Campernelle, | 100 Spanish Iris, mixed. |

This magnificent collection will furnish a multitude of brilliant flowers from early March or even February until late in May or June.

- | | |
|--|---------------------------------|
| 1000 "Hardy Border" Bulbs, offered above | \$7.50, by express, not prepaid |
| 500 "Hardy Border" Bulbs, one-half of each of above kinds..... | 4.00, by express, not prepaid |
| 250 "Hardy Border" Bulbs, one-fourth of each of above kinds..... | 2.50, by express, not prepaid |

Livingston's Superb Peonies

Peonies are the finest of all hardy flowers and considering the ease with which they are grown we urge everybody no matter what the size of their garden, to have these beautiful flowers. They are not expensive. Of course you can buy the newer and rarer varieties and they appear expensive, but once you get the plants they increase in value and beauty every year. You will never have to renew them—you have got them for all time; and there is nothing which can take their place. They will grow anywhere except in the shade. They are not particular as to soil, only the richer it is the more flowers you will get. They are a plant which makes considerable root growth in the Fall, so that really the proper time to plant them is in September or early October so they get started before Winter. They are frequently planted in the Spring, but you won't get any flowers from them the first year of planting in either case unless you set large plants in the Fall. Wherever you plant them see that the soil is dug deeply and broken up. When setting the plants you will notice white buds around the crown and the roots should be set so that these buds will not be over three inches below the surface.

Work the soil in around the roots and if possible pour a bucket of water in over the plant after it is set. Try and make the soil rich for these plants are worthy of it. Cut the tops off in October and mulch well—not for protection but to enrich the soil. All varieties offered are two-year-old roots. Prices on older roots given on application.

White Varieties

Festiva Maxima

The finest white Peony in cultivation to-day. Though it is not a new sort, it has never been surpassed in its class and type, and the true variety will always be scarce.

The magnificent white flowers are of perfect shape, very full and double. Some of the center petals are flaked with carmine. Festiva Maxima is a strong grower and free bloomer. The foliage is handsome and healthy; flower carried on long, stiff stems.

Each, 50c.; doz., \$5.00.

Avalanche

Pure white with creamy center, petals striped carmine. One of the finest of new French Peonies. Large blooms of perfect shape and delightful fragrance.

Each, 75c.; doz., \$8.00.

Charlemagne

An exceptionally fine late variety, which produces a profusion of immense creamy white flowers with lilac center, sometimes shaded chamois. This is one of the most beautiful of the French introductions and deserves extensive planting.

Each, 40c.; doz., \$4.00.

Duchesse de Nemours

One of the best late whites. The flowers are of fine cup-shape, and the buds are exceptionally beautiful. Plants strong, vigorous growers, very free-flowering.

Each, 35c.; doz., \$3.50.

Marie Lemoine

Magnificent late sort, with enormous, very double flowers. Sulphur white, shaded chamois petals edged carmine. Each, 75c.; doz., \$8.00.

Queen Victoria (Whitleyi)

Early mid-season sort, fine as a cut-flower and stands shipping perfectly. Large, white flowers; center petals tipped with carmine spots. Large, compact flowers. Each, 25c. doz., \$2.50.

Mont Blanc

One of the finest sorts in our collection. Broad snow white petals, center forming a very full high cushion; color sulphur yellow, produces an enormous crop of flowers on long stems. Extra fine for cut-flowers. Each, 40c.; doz., \$4.00.

All Peony Roots by parcel post or express, customer paying charges. See Page 2 for zone rates. (Weight, single roots, 1½ lb. each; doz., 15 lb.)





Peonies (Continued)

All Varieties Offered are Two Year Old Roots. Prices on Older Roots Given on Application

Pink Varieties

Livingstone

The best late pink sort we know. The daintily imbricated blooms are of extraordinary size, yet graceful and charming. It is one of the most floriferous sorts we have ever seen. Four to five perfect flowers would be produced on one stem, and the bushes are loaded with the mammoth blooms. One of the most remarkable characteristics of the "Livingstone" is the lasting quality of the flowers. We have kept flowers in the home under ordinary conditions for a week before they would show signs of deterioration. This demonstrates best the value of this sort as a cut-flower variety. Each, \$1.25; doz., 14.00.

Gigantea

Delicate rose pink, tipped with silvery white. Very fragrant, free flowering. True stock will always be rare. Very choice. Each, \$1.00; doz., \$10.00.

Delicatissima

Rose, changing to white. One of the finest of this type; very double and sweet scented. Late bloomer; fine cut-flower variety. Each, 75c.; doz., \$8.00.

Mathilde de Roseneck

Plants make a tall, thrifty growth and bloom very freely. The flowers are of immense size, ball-shaped, very double, and of exquisite form. Color, soft flesh, pink, shading deeper towards center; petals edged silvery white and occasionally carmine. Beautiful and distinct late sort of highest merit. Each, 75c.; doz., \$8.00.

Modele de Perfection

Extra choice French sort, deserving the highest praise. The plants bloom late and produce a profusion of enormous flowers of perfect shape on strong, upright stems. Color, flesh pink, marked with bright rose, the petals are often found among the center tufts. An ideal sort. Each, 75c.; doz., \$8.00.

Monsieur Jules Elie

Finest glossy flesh pink in color, shading to a deeper rose at the base, the entire bloom covered with a silvery reflex. Flowers are immense and globular in form, borne on strong long stems. Mid-season. Each, \$1.00; doz., \$10.00.

Madam Boulangier

Extra fine late sort with magnificent, large flowers of elegant shape. Glossy, soft pink, shaded lilac. Border of petals flesh color with silvery tinge. Each, \$1; doz., \$10.50.

Madame Jules Calot

One of the very best mid-season sorts. Flowers of exquisite shape, full, double and highly scented. Guard petals soft pink; center petals pinkish white, shaded with saffron. Each, 75c.; doz., \$8.00.

Triomphe de L'Exposition de Lille

Superb late sort, desirable for all purposes. Soft flesh pink, with white reflex. Flowers of medium size, very fragrant. Each, 75c.; doz., \$8.00.

All Peony Roots by parcel post or express, customer paying charges. See Page 2 for zone rates. (Weight, single roots, 1½ lb. each; doz., 15 lb.)

Lady Anna

Fine deep pink, large guard petals. Each, 50c.; doz., \$5.00.

Albert Crousse

Very large, flat, compact flower, rose white, flecked with crimson; tall and a free bloomer. Each, 75c.; doz., \$8.00.

Golden Harvest

Medium early sort of American origin. It is a most beautiful sort, very free flowering and delightfully scented. Guard petals soft pink, with clear yellow collar and a tuft of creamy yellow petals in center, which are sometimes tipped with red. A most distinct variety of the highest merit. Each, 40c.; doz., \$4.00.

Red Varieties

Delachei

Strong grower, free bloomer and one of the best of the dark Peonies. Deep purple, crimson reflex. Late mid-season. Each, 50c.; doz., \$5.00.

Felix Crousse

Mid-season sort, with large double, ball-shaped flowers of brilliant red, flamed ruby in center. One of the finest reds. Each, 60c.; doz., \$6.00.

Linne

Large, very double, cherry red flowers. Bushes are strong, stems upright, carrying the magnificent flowers well above the foliage. Very free blooming. Each, 35c.; doz., \$3.50.

Richardson's Rubra Superba

There is no finer dark crimson Peony than this among the late sorts. Flowers enormous, of perfect shape; very double; dark, velvety crimson. Each, 75c.; doz., \$8.00.

Peony Officinalis

The old-fashioned, early varieties usually bloom on Decoration Day, the "Pineys" of old-time gardens. Red, white and pink. Note the prices:

4 large two-year-old plants for \$1.00.
3 large three-year-old plants for 1.00.
\$10 and \$15 per 100, 25 at 100 rate.

Peonies in Separate Colors

These are named varieties. Of some we have only a few—too few to catalog them separately; of others, we have a good many but not enough to make their propagation worth while. They are really fit for any fancier's collection. Many shades of pink, red, and white. Strong divisions. Dozen, \$1.50; 100 for \$10.00, by express at buyer's expense.

Large two and three-year plants for immediate effect—all named varieties same as the above. Pink, red or white. 40c. and 50c. each; \$2.25 and \$3.50 per doz.; \$15 and \$25 per 100, respectively, by express.

Mixed Peonies

Unnamed varieties in all colors from white to deep crimson, strong divisions. 10c. each; \$1.00 per doz., postpaid; \$6.00 per 100, by express.



Hardy Phlox

This is one of our most important perennials, being very easily grown and furnishing quantities of flowers the greater part of the summer. It will grow and flower in partial shade or will flower profusely if given a sunny place in the border. Being used largely in front of shrubbery, it adds a touch of color which greatly enhances the beauty of such a planting. Its greatest beauty is obtained where the ground is made rich and the plants are well watered. It is really surprising the amount of water a phlox will take up. If they have been well taken care of they should be taken up and divided when three years old. They form such a woody, hard crown that the heads of flowers will be small. The plants can be lifted in September or early in the Spring when growth commences and can be split up with a spade, then reset. If you have a bed of plants the ground should be thoroughly dug over before the plants are put back.

The Best Varieties

Miss Lingard

A distinct type of Phlox flowering earlier than any other variety and producing long heads of white flowers with a light rose center. A remarkably strong grower and to get best results should be watered profusely.

R. P. Struthers

Another favorite. A rich carmine with dark eye. A strong grower and always satisfactory.

Pantheon

A variety which is sold by thousands. It is a beautiful bright rose color. Tall and vigorous.

Mrs. Jenkins

Pure, snowy white, a grand variety for massing. Very free flowering.

Henry Murger

A tall, midsummer variety, white with carmine center. A beauty.

Eclaireur

Brilliant rosy magenta with a white shading through it. Very large individual flowers and large heads of bloom. Earlier than most varieties.

La Vague

Medium height. A clear mauve with small dark center.

Jeanne d'Arc

A fine white. Very late.

Niobe

Very dark violet red, large trusses of flowers.

Eiffel Tower

Flesh color with crimson eye. Tall.

Prime Minister

Blush changing to white, crimson eye.

Coquelicot

Rather a dwarf variety of a fine pure scarlet color.

Athis

Excellent tall sort with dark stems. Large trusses of brilliant salmon flowers with dark eye.

Etoile du Nord

Purplish crimson, very showy.

Epopée

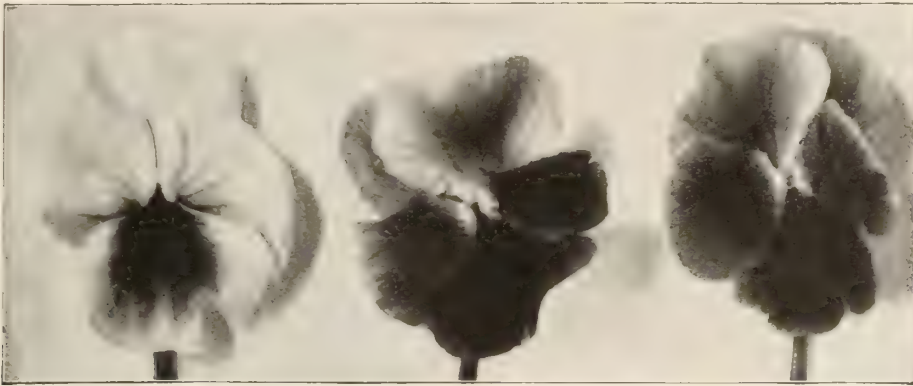
Large flowers of pure violet. Marbled with rose, bright fiery center.

Duquesclin

Distinct sort of violet-gray color, shading white toward edges; center crimson. Very nique.

Price Field-grown plants, 15c. each; \$1.50 per dozen; 100 for \$11.00.

Collection of 20 distinct and valuable sorts as listed above for \$2.50.



Flower Seeds for Fall Planting

Many flower seeds are perfectly hardy and may be sown in the open ground in the Fall, thereby gaining considerable time, as the plants will make their appearance early in the Spring and come into bloom much sooner than from seed sown in the Spring.

Livingston's Giant Pansies

For the largest and finest Pansies, the seed must be sown in the early fall. It is best to plant in the open ground in August, if possible. Transplant the young seedlings to permanent location as soon as large enough, say in September. They will then have time to form good strong roots before the ground freezes. The last of November protect the plants with a covering of leaves or straw about three inches deep.

Livingston's Fancy Pansy Mixture

This seed is saved from the largest and rarest colored flowers of the most perfect form and velvety texture. We are constantly adding new, distinct and rare varieties to this, our best strain of Pansies; in fact, the seed represents the cream of all the finest collections of the most noted English, French, German and Scotch growers. We believe that it is the most elegantly varied mixture ever offered. Pkt., 25c.; 3 pkts., 60c.; 1/4 oz., \$1.25.

Livingston's Giant Pansy Mixture

This splendid mixture is a blended combination of beautiful giant-flowering Pansies and contains innumerable rich colors and rare varieties. A magnificent mixture at a low price. Pkt., 10c.; 3 pkts., 25c.; 1/4 oz., 40c.; 1 oz. \$2.50.

Best Strains of Mixed Pansies

Masterpiece (Frisled Pansy)—Petals are beautifully waved; exquisite colors. Pkt., 15c.; 2 pkts. for 25c.

Bugnot's Superb Blotched—Extra choice flowers; large; plenty of light colors. Pkt., 20c.; 3 pkts. for 50c.

Madame Perret—A splendid giant-flowering strain, of French origin; red and rose shades. Pkt., 15c.

English Pansies—The old-fashioned "English Face Pansies"; have from time immemorial been popular favorites. Pkt., 10c.; 3 pkts. for 25c.

German Pansies—The German Pansies are noted for their almost endless variations; beautiful. Pkt., 10c.

French Pansies—The Parisian Pansies are large and strongly marked and blotched. In a word, they are very attractively "Frenchy." Of great excellence, the individual flowers being superb. Pkt., 10c.

Giant Trimardeau, Black	Pkt., 10c.
Giant Trimardeau, Emperor William, Blue.....	Pkt., 10c.
Giant Trimardeau, Purple	Pkt., 10c.
Giant Trimardeau, Striped	Pkt., 10c.
Giant Trimardeau, White	Pkt., 10c.
Giant Trimardeau, Yellow	Pkt., 10c.
Giant Trimardeau, Hortensia—Red	Pkt., 10c.
Giant Trimardeau, Splendid Mixture	Pkt., 10c.

Hardy Varieties that can be sown to come up next spring Pkt.

Alyssum, Sweet	5
Alyssum, Little Gem	5
Alyssum, Saxatile, yellow	5
Aquilegia, double mixed	5
Aquilegia, single mixed	5
Calliopsis, Lanceolata	10
Calliopsis, Golden Wave	5
Calliopsis, finest mixed	5
Candytuft, Sempervirens	10
Candytuft, Gibraltarica	10
Candytuft, mixed	5
Dianthus Chinensis, double mixed	5
Dianthus Plumarius, double mixed	10
Dianthus Plumarius, single mixed	5
Dianthus Laciniatus, single mixed	5
Eschscholtzia, double mixed	5
Eschscholtzia, single, mixed	5
Lathyrus Latifolius, mixed	5
Poppy, Iceland	15
Poppy, Orientale	10
Poppy, Orientale, hybrids	10
Portulaca, double mixed	10
Portulaca, single	10
Sweet Peas, "Special Mixture"	10
Sweet Peas, fine mixed	5
Sweet Peas, 40 sorts, each	5

Sweet Peas, collection of 6 best kinds

Sweet William, double, mixed	5
Sweet William, single, mixed	5

Varieties which need the protection of cold frames in cold latitudes

Antirrhinum, Giant, mixed, tall	10
Antirrhinum, 5 sep. colors, each	10
Antirrhinum, Dwarf, mixed	5
Bellis, double, Longfellow, Rose	10
Bellis, double, Snowball, White	10
Bellis, double, extra mixed	10
Canterbury Bells, single, mixed	5
Canterbury Bells, double mixed	5
Carnation, Giant Marguerite, dou. mix.	10
Carnation, Chabaud's Everblooming	10
Delphinium, 5 sep varieties, each	10
Delphinium, special mixed	10
Hollyhock, 6 separate colors, each	10
Hollyhock, prize mixture	10
Hollyhock, Allegheny, mixed	10
Myosotis, mixed	5
Myosotis, blue (Alpestris)	5
Pansies (see top of page)	
Violet, blue, sweet-scented	5
Violet, The Czar	5

Varieties for the window garden and conservatory

Asparagus Sprengeri	10
Asparagus Plumosus Nanus	15
Begonia, Vernon	10
Carnation, double, mixed	10
Carnation, Giant Marguerite, mixed	10
Cineraria, prize mixture	25
Coleus, fine mixed hybrids	10
Cyclamen, Persicum, mixed	10
Cyclamen, superb mixture	25
Fuchsia, mixed	15
Geranium, Zonale varieties	10
Gloxinia, large-flowering, mixed	25
Heliotrope, all shades, mixed	5
Lantana, mixed	5
Lobelia, compacta varieties, mixed	5
Mignonette, Allen's Defiance	5
Mignonette, Machet	10
Nasturtiums, Tall, Giant, mixed	10
Petunia, Superb Single, mixed	15
Petunia, Superb Double, mixed	25
Primrose, Chinese, double, mixed	25
Primrose, Chinese, single mixed	25
Smilax	5

"True Blue" Vegetable Seeds For Forcing and Fall Planting

The following is a list of those varieties most used for Fall sowing. Cabbage is sometimes sown in the Fall and the plants carried over in cold frame, thereby securing a very early crop the following season. Other seeds may be sown in cold frames or hot beds and be matured before extreme cold weather sets in.

A complete list of Vegetable Seeds, with full description, is sent by mail free upon request.

CABBAGE	Pkt.	Oz.	¼ lb.	Lb.
Early Jersey Wakefield	5c	25c	\$0 80	\$2 75
All Head Early	5c	25c	1 00	3 00
Copenhagen Market, New	10c	40c	1 25	4 75
Henderson's Early Summer	5c	30c	75	2 50
Livingston's Ideal Winter	5c	25c	70	2 25
Livingston's Premium Flat Dutch..	5c	30c	85	2 75
Mammoth Red Rock	5c	35c	1 00	3 00

KALE, or BORECOLE	Pkt.	Oz.	¼ lb.	Lb.
Siberian	5c	10c	25c	75c
Dwarf Green Curled, or Sprouts..	5c	10c	25c	75c

RADISH	Pkt.	Oz.	¼ lb.	Lb.
White Tipped Scarlet Turnip.....	5c	10c	25	65
Scarlet Globe	5c	10c	30	1 00
Fireball	5c	10c	25	75
China Rose Winter	5c	10c	25	75
White Chinese Winter	5c	10c	30	1 00

Egyptian, Winter, or Perennial Tree Onion Sets



Egyptian Winter Onion Sets.

Are especially valuable in that they produce the earliest green onions in the Spring. They should be planted in the Fall, while they are plump and full of vigor. Are perfectly hardy, and start growth at once after planting. No large bulbs are formed, but sets are produced on top of stalks.

PRICE—Lb., 15c. 2 lbs., 25c.; post-paid. By express, at buyer's expense, Peck, 50c.; ½ bu., 80c.; bu., (28 lb.), \$1.50.

Special Prices on Large Quantities.

Mushroom Spawn

English Milltrack Spawn—By mail, postpaid, per Brick, 30c.; 5 for \$1.25. By express, at buyer's expense, lb., 15c.; 5 lbs., 60c.; 10 lbs., \$1.00; 25 lbs., \$2.25; 100 lbs., \$7.50.

American, Pure Culture Spawn—Brick, 35c.; 5 for \$1.50; by mail, postpaid. By express, at buyer's expense, per Brick, 25c.; 5 Bricks, \$1.00; 10 Bricks, \$1.75; 25 Bricks, \$4.00. Bricks weigh about 1 1-3 pounds each.

How to Grow Mushrooms—A booklet of 14 pages with full and complete instructions how to grow Mushrooms successfully, 10c.



Improved Thick-Leaved Spinach.

LETTUCE	Pkt.	Oz.	¼ lb.	Lb.
Deacon	5c	15c	40c	
Improved Hanson	5c	15c	40c	
Early Curled Simpson	5c	15c	40c	
Salamande	5c	15c	35c	
Selected Big Boston	5c	15c	35c	
Livingston's Crisp-as-Ice	5c	15c	50c	
California Cream Butter	5c	15c	40c	

SPINACH	Oz.	¼ lb.	Lb.
Prickly-Seeded Winter	5c	15c	30c
Improved Thick-Leaf, Viroflay	5c	15c	30c
Long Standing	5c	15c	30c
Curly-Leaved Savoy (Bloomsdale)	5c	15c	30c
Victoria	5c	15c	35c

Fertilizers, Insecticides, Etc.

Postage Extra.

Blatchford's Plant Grower—Odorless, highly concentrated, soluble food for house plants. Directions for using with each box. 1½-lb. box, 25c.

Sheep Manure (Pulverized)—A pure natural manure and very nutritious for plants. For potting soil, mix one part manure to six parts soil. For vegetable garden, place directly in hills or drills. Promotes a rapid, steady growth until maturity. Splendid top dressing for lawns. 5 lbs., 25c.; 10 lbs., \$40.; 50 lbs., \$1.25; 100 lbs., \$2.00.

Shredded Cow Manure—Very best to mix with soil in which to plant flowers and almost all kinds of plants. Thoroughly decomposed, almost odorless and ready to use. Put up in bags. 5 lbs., 25c.; 10 lbs., 40c.; 50 lbs., \$1.25; 100 lbs., \$2.00.

Whale Oil Soap—Makes an excellent wash for trees and plants where insects and eggs affect the bark and for smearing on the trunks of trees to prevent worms from crawling up. Directions for using sent with soap. Price—Lb., 20c.; 2 lbs., 35c.

Folding Wire Plant Stand—The most compact, strong, durable Plant Stand ever offered for sale, and at prices less than all others of same capacity. The ends are made of Flat Steel and have porcelain castors. The steel and iron work is finished in green and bronze. The trays or shelves are 7½ inches wide by 30 inches in length. Can be opened in a few seconds by simply spreading the plant stand apart at the bottom and dropping the cross-bars into place. Trays are in position and plant stand ready for use. To fold it, lift up the cross-bars and close the stand together closely, and it is folded.



Prices—Plant Stand, with 2 shelves, \$2.50; with 3 shelves (see cut), \$3.50; with 4 shelves, \$4.50.

Prices Net—When ordering goods from this page to be mailed, ask Postmaster for Amount of Postage to Remit.

Seasonable Farm Seeds

Prices Subject to Market Changes and Stocks Unsold

Sandy or Hairy Vetch (Vici Villosa)

One of the Newer Leguminous Plants of Value

Since its introduction into this country this plant has made a splendid reputation for itself, especially as a crop to turn under. It succeeds on almost all soils, even poor sand soils produce quite good crops, though it is much more vigorous on good land. It is very hardy and remains green all winter; it should be sown during August and September, and we advise that it be sown with rye—the rye helps to hold it up. It is the earliest crop ready to cut or hay in the spring, being almost a month earlier than scarlet clover, and a full crop can be turned under in time for corn and a number of other spring crops. It is much harder than Scarlet Clover and is giving excellent returns in the northern and northwestern states where the winters are very severe and where many forage plants winter kill. It is equally valuable in the South for a hay crop. Where many of the better grasses fail it will prove its worth in the South and dry Western region as it will grow through the fall and winter and make a luxuriant growth in the spring and come to the harvest before the droughts set in. Every gardener, dairyman and farmer should use this wonderful soiling plant.

We sow on our lands 30 to 50 lbs. per acre with $\frac{1}{2}$ to $\frac{3}{4}$ bu. of rye. Where conditions of soil, time of sowing, and rainfall have been favorable, it will make from 10 to 15 tons of green top to turn under by the 1st to the 15th of May, or in plenty of time for a crop of Corn or other late planted crops.

The root system is quite heavy and like all leguminous plants bear to a greater or less extent nitrogen gauls or nodules according to season, land and cultivation. Where the crop is heavy it will be found advantageous and often necessary to use a sharp rolling cutter on the plow in order that all the top be turned under.

If the crop is used for hay it will be well to sow 45 to 60 lbs. of Vetch, and with it $\frac{1}{2}$ bu. Rye per acre, the nurse crop in this case helps to hold the Vetch upright and off the ground, making it less trouble to harvest.

If you want any considerable quantity, write for special quotations.

Price: Oz., 5c.; 4 oz., 10c.; lb., 20c.; 10 lb., \$1.75; 25 lb., \$4.00; 50 lb., \$7.50; 100 lb., \$14.00.

Winter White Rye

One of the best known. Also one of the best Winter cover crops and for late Fall and Spring pasture, as well as for grain. Rye is very hardy and will grow on poorer land than many other grains. If sown early will make a fine Fall pasture and as it makes a very early start in the spring is a valuable Spring pasture. And for turning under it comes nearer producing an old sod condition on land in a short time than any other crop that can be sown in the Fall. While it does not add nitrogen to the soil, it does furnish humus. Sow 1 to $1\frac{1}{2}$ bushels per acre. New top seed, our own growing: Per bu., \$1.25; 5 bu., \$5.75; 10 bu., \$11.00.

Timothy Seed

When ready to buy, write us for best prices, whether you want a bag or a carload. Sow 8 lb. per acre (bu., 45 lb.).

Prime Seed—Lb., 15c.; 10 lb., \$1.50; 100 lb., \$8.00.

Choice Seed—Lb., 15c.; 10 lb., \$1.50; 100 lb., \$9.00.

Red Top Grass (*Agrostis vulgaris*)—Thrives well in any soil, but best on low land; produces a fine sod. Sow 15 to 20 lb. per acre. (Bu., 14 lb.) Fancy Clean Lb., 35c.; 10 lb., \$3.00; 100 lb., \$8.00.

Prices are subject to market changes and stocks being unsold.



Sandy or Hairy Vetch.

Seed Wheat

(Prices Include Bags.)

GYPSY WHEAT is a bearded variety with red berry and white chaff. The grains are somewhat smaller than Poole or Mediterranean, and is in the front rank not only in yield but in weight per bushel and protein content. Our seed of this variety is clean and free from Rye, Cockel or Cheat. Bu., \$1.95.

POOLE WHEAT—An old favorite and popular bald variety; large red berry and quite early; too well known to need an extended description. Bu., \$1.75. Write for prices on larger amounts.

Kentucky Blue Grass

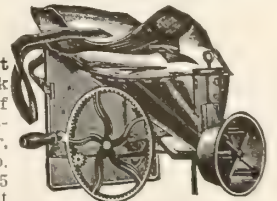
Never in the history of the grass seed business has there been a larger and consequently better crop of Kentucky Blue Grass seed to offer. We advise liberal sowings of this seed while it can be procured at so reasonable a figure. Export quality—lb., 20c.; 10 lb., \$1.40; 100 lb., \$12.00.

Cahoon Hand Broadcast Seeder

For sowing any grain or grass seed. Sows at a common walking gait 4 to 8 acres per hour. A saving of labor and one-third of the seed is effected by this machine. Reliable in all respects. (See illustration. Price, \$3.50; weight 9 lb.)

Little Giant Seeder

Strongest, Lightest and Easiest
Bunning—Best and cheapest crank Seeder made in the quality of work done and durability. Distributes all kinds of fertilizer, land plaster, ashes and seeds. No. 1 (Fiddle-Bow), \$1.25; weight 5 lb.; No. 3 (Crank), \$1.50; weight 6 lb.



Cahoon Broadcast Seeder

SUPPLEMENT

of

CHOICE HARDY PLANTS,
SHRUBS, TREES AND FRUITS.

from Our

TRUE BLUE NURSERIES

Columbus, Ohio





Hardy Perennials

THESE are the plants which give us the old-fashioned hardy garden which is now so popular and justly so for these flowers have a place in the design of a garden which cannot be taken by any other class of plant.

Hardy plants, those which remain in the ground all Winter with little or no protection, furnish us a wealth of bloom at seasons when there is a dearth of flowers from any other source. They will, when combined with such bulbs as Crocuses, Tulips, Hyacinths, Iris, etc., furnish us a succession of flowers from frost to frost. Beginning with the Crocus of early Spring we can have flowers to brighten the garden right on through the entire season until, with the Hardy Asters and Chrysanthemums, we close the growing season, and most of our hardy flowers are of as great value for house decoration as for the garden. Is it any wonder then, that they are used more largely each year?

One great advantage in planting hardy perennials is that they are largely of a permanent nature, that is, will last for years, but this does not mean that having planted them you don't need to do anything more to them. They respond quickly to care and cultivation and are worthy of all the attention you can give them. The fact that they are going to remain in one place some time makes

it essential that the ground should be put in the best condition beforehand. *Dig deeply* and enrich it well with manure before the plants are set. When you get the plants you will notice the ground line about the base indicating the depth at which they were growing and in planting see that they are put back to *this same depth*. Spread the roots, draw the loose soil about the plant and pack it with your foot. Remember this, *everything you transplant, whether it be vegetable, flower, shrub or tree, should have the soil packed about it closely and firmly*. If the ground is dry, water thoroughly after planting and when the plants show growth, cultivate the soil lightly about them. Don't let them go to seed. It weakens the plant and shortens the period of flowering. As a general thing, we do not recommend covering the plants in Winter. If this is done very late in the Fall, *after the ground is frozen*, and the covering of leaves or mulch taken off as soon as the frost is out of the ground in the Spring, well and good, but so many have a habit of covering with leaves as soon as the leaves fall or putting a mulch on in October, incidentally they smother their plants. Of course there are exceptions, such as the Tritomas and Anemones, which it is always advisable to cover, but don't do it until the ground is frozen.

Achillea—The Pearl

This is a very hardy plant, the double flowering "Yarrow," blooming profusely from July on through most of the season. Has clusters of small rosette-shaped white flowers. It is good for a large planting but if used for a small garden should be put where it can't crowd other things, for it spreads very fast. **15c. each; 2 for 25c.; \$1.50 per doz.**

Anemone Japonica

The Japanese Anemone is one of the latest flowers to bloom, in fact in many places, the frost usually catches some of the blossoms. Growing about two feet tall, the flowers, which are white and pink, are borne on long wiry stems and resemble wild roses in form.

Whirlwind—A variety with pure white semi-double flowers, a very free bloomer. **15c. each; \$1.50 per doz.**

Queen Charlotte—This has semi-double flowers, a very free bloomer. **15c. each; \$1.50 per doz.**

Aquilegia

This is commonly known as Honeysuckle or Columbine. (See illustration.) One of our early Spring flowers coming in May. A dainty flower without which no garden is complete. Always satisfactory. **15c. each; \$1.50 per doz.**

Bleeding Heart

Dicentra Spectabilis—This seems to be "old as the hills." It is so beautiful and hardy that it is just as popular as ever. It will do pretty well in the shade but is at its best in a sunny, protected location for while perfectly hardy it usually starts to grow so early that oftentimes the flowers are nipped by frost if exposed. The plant dies off to the ground during the Summer, so if set amongst other plants it should be marked to avoid its being hoed out. **Each, 25c.; \$2.50 per doz.**

Coreopsis Lanceolata

A yellow, daisy-like flower makes a brilliant patch in the garden, flowering from June until frost if not allowed to go to seed and furnishing quantities of flowers which are ideal for cutting. Especially satisfactory except that it needs to be divided and reset every year (September being the best time), as the crown or center of the plant dies and the new growth should be reset to insure its getting established, this, however, is easily done. (See illustration, page 4.) **15c. each; \$1.50 per doz.**

Hardy Perennials (Continued)

Campanula or Canterbury Bells

The *Calycanthema* variety comes under the class of biennial flowers, for it does not flower until the second year from seed and after flowering dies; but it is such a beautiful plant that one must have it. It flowers in June with the *Coreopsis* and combined with it makes a beautiful sight. The *Persicifolia* or peach-leaved bell flower is a hardy perennial. Both have blue, purple and white flowers, the *Calycanthema* being the larger of the two. 15c. each; \$1.50 per doz.; \$10.00 per 100.

Chrysanthemums (Hardy Varieties)

The last flowers of the garden in Autumn and always popular on account of their varied colors, lateness and value as cut-flowers. The garden Chrysanthemum is very hardy and looks especially fine when planted along the edge of shrubbery or in groups in the perennial border. We have a full assortment of colors in the best varieties. 10c. each; \$1.00 per doz.

Delphinium (English Larkspur)

(See illustration page 5.) We believe there is no finer hardy perennial than this. It is a vigorous grower, reaching four feet in height with long spikes of flowers in various shades of blue, some being lavender tinted with pink. There is no flower as effective for the hardy garden and it is also grand for house or porch decoration. It flowers freely in June and July and if the flower stalks are cut and the plants watered they will produce another fine crop later in the season.

Bella Donna—A rather dwarf variety, light blue. 15c. each; \$1.50 per doz.

Formosum—Dark blue. 15c. each; \$1.50 per doz.

Gold Medal Hybrids—Mixed shades of blue, very fine. 15c. each; \$1.50 per doz.



Dicentra or Bleeding Heart

Digitalis (Foxglove)

Foxgloves are biennials, although if not allowed to go to seed, most of the plants will live over a second year. We really can't afford to be without them. They will flower well in shady places and their tall spikes of odd-looking flowers are useful, alike in the flower border and in house decoration. They are one of the most stately flowers in the garden and should be largely planted. Each, 15c.; \$1.50 per doz., \$10.00 per 100.

Eulalia

Ornamental Grasses have their place in the garden and are very effective in groups or used for a background for plants of lighter growth and bright color. There are several varieties of Eulalia, all of which are valuable. They grow from 4 to 6 feet tall.

Zebrina—A variety with green leaves regularly banded across with light yellow. The color does not show with the first growth in Spring.

Variegata—The leaves of this variety are striped green and white, somewhat like "Ribbon-grass."

Univittata—This plant produces a dense growth of narrow, dark green leaves and is very graceful.

Price of above, 15c. each; \$1.50 per doz.; \$9.00 per 100.

Funkia (Plantain Lily)

These plants have large leaves, some being variegated with white and all flower in late Summer. They do well in partial shade. They should be planted in the front of perennial borders or as specimen plants are very effective.

Cordata—Large, pale green leaves. Tall spikes of white lily-like flowers.

Variegata—This makes a very pretty border for a formal bed as it is rather a dwarf grower and the leaves are prettily variegated with creamy white. Does well in the shade.

Coerulea—Has spikes of blue flowers and massive, dark green foliage.

Price of above, 15c. each; \$1.50 per doz.; \$10.00 per 100.

Gaillardia Grandiflora

A hardy plant, doing especially well in dry, sandy soil and where there is little water. It commences to flower in June and flowers continuously until frost if not allowed to seed. The flowers are daisy-shaped, yellow, many having a rich brown shading out from the center of the flower. Last well as cut-flowers. 15c. each; \$1.50 per doz.

Gypsophila (Baby's Breath)

A very graceful perennial. When in bloom it forms a symmetrical mass of foliage about 2 feet in height and is completely covered with tiny flowers, producing a beautiful gauze-like appearance. As a cut-flower, especially if used with high-colored blooms, it is exquisite, and some very lovely effects are obtained. Each, 15c.; \$1.50 per doz.



Columbine

Hardy Perennials (Continued)

Hibiscus

These are known as "Marsh Mallows," there being a wild, native variety which grows in marshy places and which has rose pink flowers. Planted at the back of the border or where height is required, these plants are very effective, also when used as single specimens or groups on the lawn. To do well they require quantities of water and will repay such attention with numbers of immense saucer-shaped flowers in late Summer. They start to grow very late in the Spring, hence are often destroyed, people thinking them dead.

Crimson Eye—Grows 4 to 6 feet high, producing flowers 6 inches across, white with crimson eye or center. **15c. each; \$1.50 per doz.**

Mallow Marvels—These are hybrids of our hardy mallow and the East Indian varieties, resulting in immense flowers of great brilliancy in shades of pink crimson, and red. **25c. each.**

Hemerocallis (Day Lily)

H. flava—Lemon Lily—A hardy, vigorous plant, flowers in clusters, golden yellow; 2 feet in height; blooms in June. **15c. each; \$1.50 doz.**

H. falva—Tawny Day Lily—Orange flowers, larger than preceding; 3 feet in height; blooms in July. Popularly known in rural communities as the "Corn Stalk Lily." **15c. each; \$1.50 per doz.**

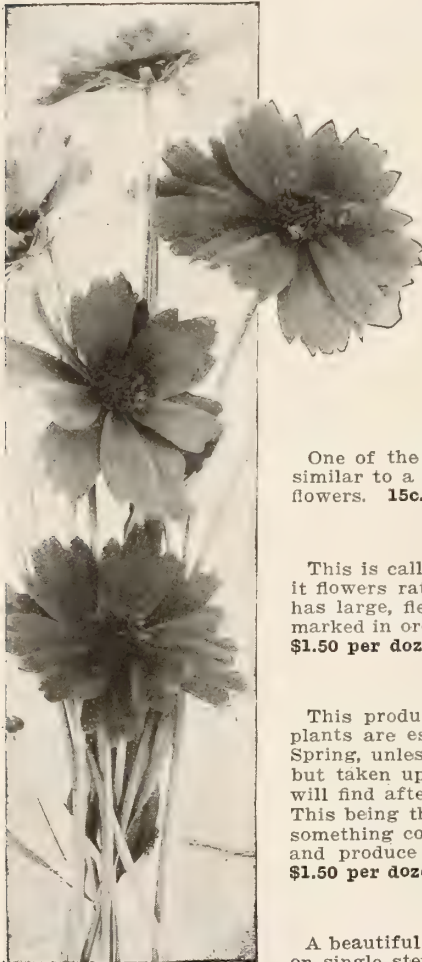
Hollyhock

Everybody knows these old favorites, yet many do not realize the beauty of the later introductions in colors. The plant is useful as a screen, makes a beautiful hedge and is of value at the back of the perennial border. When the last flowers are gone it is well to cut the stalks to the ground. We can supply separate colors in **white, lemon, pink, red and maroon. 15c. each; \$1.50 per doz. Mixed colors, 10c. each; \$1.00 per doz.**

Allegheny—These are a semi-double, fringed flower and very effective. **Mixed colors, 15c. each; \$1.50 per doz.**

Lily of the Valley

A description of this plant is scarcely necessary, for it is very generally known. It will grow in the shade even where grass will not live, although of course it does better where it gets some sunlight during the day. **Single roots, 5c. each; 6 for 25c.; doz., 40c.; \$2.50 per 100. Strong clumps, 35c. each; 3 for \$1.00.**



Coreopsis



Hollyhocks

Lychnis Chalcedonica

One of the few red flowers we have. It grows about 2 feet tall, forming compact clumps similar to a Phlox, and in June and July is covered with compact heads of brilliant scarlet flowers. **15c. each; \$1.50 per dozen.**

Platycodon Grandiflorum

This is called the Chinese Bell Flower and is a very useful plant for the hardy garden, as it flowers rather later than most perennials thereby furnishing color when needed most. It has large, fleshy roots which do not start growth until late in the Spring, so it should be marked in order to avoid being destroyed. We have the two colors, blue and white. **15c. each; \$1.50 per dozen.**

Oriental Poppy (Papaver Orientale)

This produces an immense blossom 4 to 6 inches across of brilliant scarlet. Once the plants are established they give a great lot of flowers. They don't transplant well in the Spring, unless moved very early or unless they have been potted, and even this checks them, but taken up in August you can do anything with them for then they are dormant. You will find after flowering, the foliage dries off and by the end of July is dead to the ground. This being the case they should be planted pretty well back in the border, so you can have something coming on in front to screen them. They begin to grow again in the early Fall and produce a thick tuft of leaves at that time. Will not thrive in shade. **15c. each; \$1.50 per dozen.**

Iceland Poppy (Papaver Nudicaule)

A beautiful dainty little plant producing in May quantities of white, yellow, and red flowers on single stems rising from a compact tuft of leaves. It grows about a foot high and will flower more or less all Summer if in a favorable place. **15c. each; \$1.50 per dozen.**

Hardy Perennials (Continued)

Rudbeckias

Rudbeckia "Golden Glow"

The plant known as "Golden Glow" has been wonderfully popular and is still largely planted. It grows 5 or 6 feet tall and in a year or two forms large clumps. You can always depend on its flowering and in furnishing masses of double yellow flowers for a long period. **15c. each. Extra large clumps, \$1.00.**

Rudbeckia Purpurea (Purple Cone Flower)

We should like to see this plant more generally grown. Few recognize its value in the hardy garden or as a cut-flower. Absolutely hardy; it commences to flower in July and lasts right through to September. It grows 3 feet tall, producing on long stems flowers with a high brown center or cone, this being surrounded by a circle of purplish pink petals. It is very effective either as a single plant or in masses, and the flowers when used for porch decoration are grand. **15c. each; \$1.50 per doz.**

Rudbeckia Subtomentosa

A plant which will thrive in poor soil and during July and August furnishes quantities of single yellow daisy-shaped flowers with a brown cone or center. It resembles our native plant popularly known as "Black-Eyed Susan." **Each, 15c.; \$1.50 per doz.**

Sweet William

An old-fashioned plant, always a favorite because of its hardiness and brilliant coloring. Flowering in June, it is one of our important plants in furnishing a succession of bloom in the hardy garden. **Mixed colors, 10c. each; \$1.00 per doz.**

Delphinium (English Larkspur)

Shasta Daisy

The daisy type of flower is always popular and this big, showy, white blossom is most popular of all. We can't do without them either in the garden or house. They will grow in any ordinary soil, flower freely, are fine for cutting and if the plants are taken up and divided each Fall (September), you can have them indefinitely. **10c. each; \$1.00 per dozen.**

Stokesia Cyanea

You know the old-fashioned "Bachelor Button" or "Corn Flower." This looks much like it, only it is a much larger flower—a pure lavender—and the plant is rather dwarf. Good for the front of the border and should be planted where water will not stand about the plant in Spring, as this causes the crown of the plant to decay. **15c. each; \$1.50 per dozen.**

Sunflowers

There are many types of Sunflowers which are hardy perennials and these do not resemble the Sunflower as generally known. They have a place at the back of the perennial border or as a screen, flower quite late in the Summer and furnish masses of yellow which are very necessary in the color scheme of the garden.

Multiflorus Maximus—Grows 5 or 6 feet tall, bearing single yellow flowers about 6 inches across. Flowers from July to September.

Soleil d'Or—A double flowering form resembling a dahlia.

Tomentosus—A distinct variety flowering in August and September. Large, yellow flowers. **Price—each, 15c.; \$1.50 per dozen.**

Tritoma Pfitzeri

(Redhot Poker—Torch Lily—Flame Flower)

This beautiful flower furnishes brilliant color in the garden from August until frost. It grows 3 to 4 feet tall, producing continuously spikes of orange scarlet flowers. It is a perennial, increasing in vigor each year, but needs to be carefully protected each Fall, the covering not being put on until November and removed in April. **15c. each; \$1.50 per dozen.**

Yucca Filamentosa (Adam's Needle)

A tropical looking plant from Mexico and the Southwest, having evergreen sword-like leaves and sending up tall spikes of creamy white, bell-shaped flowers. Effective as a single plant or in the hardy garden. **25c. each; \$2.50 per dozen.**



Yucca



HARDY ORNAMENTAL SHRUBS

WE strongly advise our customers to do as much planting as possible in the Fall. With few exceptions, such as Althea, Hydrangea, Magnolia and California Privet, shrubs can be set in the Fall months (October and November) to as good advantage as in the Spring. One has a longer season in which to work and the stock is really in better condition for moving at this season as our Springs are so short that many shrubs are well out in leaf before one can get to the planting.

When properly done there is no reason why there should be any loss of stock from planting in the fall, but you should observe the following rules:

Prepare the ground thoroughly and have it dug deep. When ready to set out the shrubs dig the holes larger than the spread of the roots and be sure and have them deep enough. You can see from the ground line at the base of the shrubs just how deep they have been growing in the nursery and in replanting they should be set a couple of inches below this line and the soil should be loose in the bottom of the holes. When a shrub is placed in the hole push in loose soil and when the hole is about half full take the shrub by the center stem and chuck it up and down several times to get the loose soil well in about the roots, then when you have filled the hole, stamp the soil down well about the base of the shrub. You can't make it too solid, and be sure and have it level with the surface. Do not trim at all in the Fall, but as soon as growth starts in the spring cut back the entire shrub about one-half.

Shrubs will start much quicker if treated this way and your loss either by frost in winter or drouth the following Summer will be small.

Our assortment of shrubs has been selected with a view to cover the season (early to late) in time of blooming. We can supply fine specimen plants of all varieties for those who wish large shrubs for immediate effect. To assist our customers in selecting shrubs which will bloom throughout the summer, we have indicated the season of blooming by numbers following the names, thus: (1) April blooming, (2) May, (3) May and June, (4) June, (5) June and July, (6) June to November, (7) August and September.

Althea (Rose of Sharon)

A strong, erect growing shrub or small tree producing white, rose, blue and crimson flowers similar to Hollyhocks, and flowering in late Summer. It is sometimes used for a hedge and is effective in formal planting. **Totus Alba**, single white; **Eubra Plena**, double rose; **Coerulea**, bright blue. **Above three sorts, each, 25c. Larger size (4 ft.) of Totus Alba and Eubra Plena, \$1.00 each.**

Barberry (Berberis)

These splendid shrubs have everything to recommend them, being absolutely hardy, growing in any soil, and no shrubbery planting is complete without them, as they can be used in so many ways.

Berberis Thunbergii or Japanese Barberry

If you want a low growing shrub at the base of the house there is nothing finer, or if a taller planting is made, it is essential to finish the border with a dwarf shrub and here again we find that nothing is so desirable or effective as this shrub. To outline a walk or drive, for group planting, or for use in the foreground of a general planting of shrubs we have nothing to take its place, while for hedges it is used extensively throughout the country. Its symmetrical, bushy growth and beautiful foliage make it ornamental and useful for such purposes. It can be pruned to any shape desired and we have seen it used as an

edging for formal flower beds in place of the English Boxwood, so largely used in England, and which is not hardy in this country. Many of the bushes bear scarlet berries which add greatly to its appearance after the leaves have fallen.

Berberis Thunbergii, 18 to 24-inch, 25c. each; \$3.00 per doz.; \$25.00 per 100; 24 to 30-inch, 35c. each.

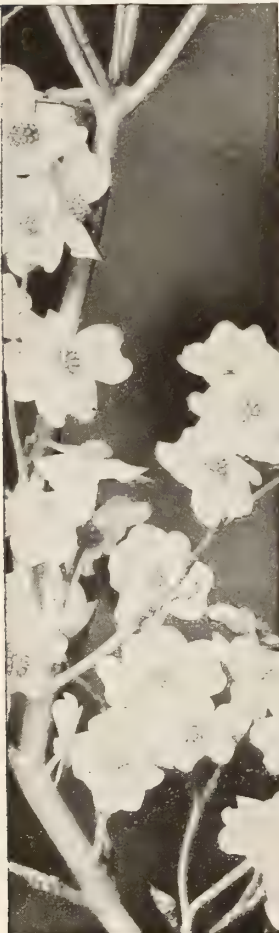
Berberis Purpurea or Purple-Leaved Barberry

The Berberis Purpurea or Purple-leaved Barberry is of taller growth than the above, and is one of the best shrubs with colored foliage. When used as a background or center of a bed and surrounded with Golden Syringa, the effect is beautiful.

Berberis Thunbergii, 18 to 24-inch, 25c.

Calycanthus Floridus

(**Alspice, or Sweet Shrub**)—(4) An old-fashioned favorite. Grows in shade or full sun. Chocolate colored flowers of agreeable fragrance. **Each, 35c.; doz., \$3.50. Large size, 2 to 3 feet, 50c. each; 3 to 4 feet, 75c. each.**



Cornus Florida (Flowering Dogwood)

Cydonia (Japanese Quince)

(1) This ranks among the choicest of flowering shrubs. Bears pruning into any desired form. As a single shrub it is very attractive; also fine for borders or groups. The large, brilliant red flowers appear very early in the Spring, it being one of the first shrubs to flower. Each, 35c. Larger size, 3 to 4 feet, 50c. each.

Cornus (The Dogwoods)

(4) These are very hardy shrubs, valued for their vigorous growth and highly colored bark, which is very bright as the sap begins to flow in early Spring. They will grow in the shade, in fact the variegated varieties do rather better when shaded from the direct rays of the sun, the coloring of the foliage being deeper. The shrubby varieties will stand severe pruning and if after a year or so they show a tendency to crowd other shrubs they can be cut to the ground and will spring up again very quickly and make a beautiful, dense growth.

Sanguinea (Red-Branded)—(4) Strong-growing kind, with clusters of white flowers. Branches turn blood red in Winter, along towards Spring.

Elegantissima Variegata—Of rapid growth. Foliage is broadly margined with white. Bark turns bright red in winter.

Lutea—Has yellow bark. An excellent sort.

Strong Plants of all the Cornus, 35c. each; \$3.50 per doz. Large sizes, 3 to 4 feet, 50c.; 4 to 5 feet, 75c. each.

Tree Forms of Cornus (Cornus Florida)

Native Dogwood—Small tree of graceful shape; white flowers before the leaves in Spring, followed by scarlet fruit; foliage a fine red in Autumn. (See illustration on opposite page.)

3 to 4 feet, each, 75c.; 4 to 6 feet, each, \$1.00.

C. Florida Bubra—Red-Flowered Dogwood—Flowers bright rose; very ornamental. 2 to 3 feet, each. 75c.; 4 feet, \$1.50.

Deutzias

An exceedingly free flowering and showy class of shrubs. They are of easiest culture and thrive in any well-drained soil. The flowers are borne in racemes from 4 to 6 inches in length.

Candidissima—(4) Very fine double white. Free flowering.

Crenata, Pride of Rochester—(5) A distinct large-flowered, double white variety; a vigorous, bushy shrub; 6 feet, very fine.

Crenata flore pleno—(5) Flowers double white, back of petals pink.

Gracilis—(4) Flowers white, single. Of slender growth; 2 feet.

Lemoinei—(5) Flowers very large, in cone-shaped heads of from 20 to 30 flowers each. Pure white, and a strong, vigorous shrub. One of the very best. Above, each, 35c.; doz., \$3.50. Larger Plants of all sorts, 3 to 4 feet, 50c. each; 4 to 5 feet, 75c. each.

Forsythia (Golden Bell)

This beautiful shrub is used largely in the background of shrubbery plantings and also as single specimens on the lawn. It is the first shrub to flower, becoming a mass of golden yellow blossoms before the leaves appear. It will grow and flower fairly well on the north of a building, although it does much better in full sunlight.

Fortunei—(1) Leaves dark green; flowers bright yellow; early. A fine upright-growing shrub. Each, 35c.; doz., \$3.50. Specimen Plants at 50c. each.

Viridissima—(1) Very early; bloom yellow; dark green foliage. A handsome shrub, native of China. Each, 35c.; doz., \$3.50. Specimen Plants at 50c. each.

Points to Remember in Planting Shrubby

We find that the majority of people never cut back a newly planted shrub. This is a great mistake and is accountable for the loss of a great many plants. We do not advise cutting back Fall planted stock until growth starts in the Spring, but if you want your shrubs to grow and do well you must cut them back.

When a shrub is transplanted quite a large portion of its roots are broken and this, together with its removal, is a severe shock to it. The roots can not provide for the original top growth, hence the latter must be cut off—at least one-half of the shrub should be cut off. You will be ahead in the end by doing this.

Deutzia
"Pride of
Rochester"

Exochorda Grandiflora (The Pearl Bush)

(2) A vigorous-growing shrub, forming a neat, compact bush; can be trimmed into any desired shape. Flowers in slender racemes of 8 to 10 florets each, on light, wiry, airy, graceful branches; perfectly hardy; flowers pure white.

Each, 35c.; doz., \$3.50. Larger Plants, 3 to 4 feet, 50c. each; 4 to 5 feet, 75c. each.

Bush Honeysuckle

(Lonicera Tartarica Grandiflora)

(3) Very hardy and easily grown. Of vigorous growth and fine foliage. Flowers pink and white, and sweet scented. Another attraction is the red berries that follow after the flowers are past.

Each, 35c.; doz., \$3.50. Some extra large plants, 50c. each.



Forsythia



Snowball (Viburnum)

This does not combine well with other shrubs, but as a single specimen on the lawn it is very beautiful when covered with its large white balls of bloom and it flowers so profusely that the branches bend with the weight of bloom.

Japanese Snowball—(Viburnum Plicatum)—(3) A large and quick growing shrub; most valuable either in groups or as single specimens. Flowers are large and pure white, very showy. Perhaps the best May-flowering hardy shrub. Each, 35c.; doz., \$3.50. Larger Plants, 75c. each.

Opulis Sterilis—(4) Flowers pure white, in clusters. Foliage handsome, the leaves being very broad and attractive. This is the common Snowball, familiar to everyone. Each, 35c.; doz., \$3.50. Larger Plants, 50c. each. We can furnish this in tree form at 75c. and \$1.00 each.

Opulus—(High Bush Cranberry)—(4) Upright shrub, 8 to 10 feet high; white flowers, followed by scarlet berries, which will last all winter; very showy. Each, 35c.; doz., \$3.50. Larger size, 50c. each.

Dentatum (Arrow-wood)—A bushy shrub with upright branches. Leaves heart shaped, bright green, with coarsely toothed borders, fading with rich tones of purple and red. Blooms appear profusely in flat-topped clusters late in the Spring. Blue black berries follow the flowers, which are creamy white. A very symmetrical species averaging 8 to 12 feet. Each, 35c.; doz., \$3.50. Larger size, 50c. each.

Hydrangea Paniculata Grandiflora

(7) One of the most popular shrubs in cultivation to-day. Growing singly they make magnificent ornaments for the lawn. When planted in groups they are truly grand. When set out in groups, soil should be made very rich with well-rotted manure. In the Spring trim so as to leave only about 3 inches of the previous season's growth. If extra large flowers are desired, trim out some of the weaker shoots after growth has commenced. Hydrangeas treated in this manner will produce a solid mass of immense panicles of bloom. They are absolutely hardy, but require a large amount of water to do well.

Strong field-grown Plants, 20c. each; \$2.00 per doz.; \$15.00 per 100. Larger Plants, 2 to 3 feet, 35c. each.

The Newer Lilacs (Syringa)

Those who have the old-fashioned Lilacs often complain of their not blooming—even when they have been set out for five or six years. As a matter of fact this type of Lilac rarely flowers until it has been established about eight years, whereas the newer hybrids produced by Lemoine of France frequently produce large heads of bloom on plants scarcely two feet high and the flowers are vastly superior to the old type. In addition we get **double** flowers and many shades of color not found in the old variety. There are whites, both single and double, and many shades of blue. Then we have such as "Ludwig Spaeth," a dark reddish purple. Three to four foot bushes frequently flower the following year after planting, so taken all together these new Lilacs are vastly superior to the old types.

Souvenir de Ludwig Spaeth—This is a superb variety, panicle long; individual flowers large and single; color distinct, dark purplish red.

Charles X—A rapid, but strong growing variety, with large shining leaves; trusses large rather loose; color reddish purple.

Madame Lemoine—An extra fine variety; individual flowers double; color pure white; extra large truss.

Emile Lemoine—Very large; fine truss, globular in form; color a beautiful rosy lilac, with rare shading.

Any of the above varieties, good, strong shrubs, 4 to 5 feet—\$1.50 each.

In addition to the above, we have the good old fashioned purple and white varieties—the favorites of our grandmothers' gardens:

Common Purple—The old time "laylock" of colonial days. 35c. each; \$3.50 per doz.

Common White—Same as preceding, except as to color. 35c. each; \$3.50 per doz.

Hydrangea Arborescens Grandiflora Alba

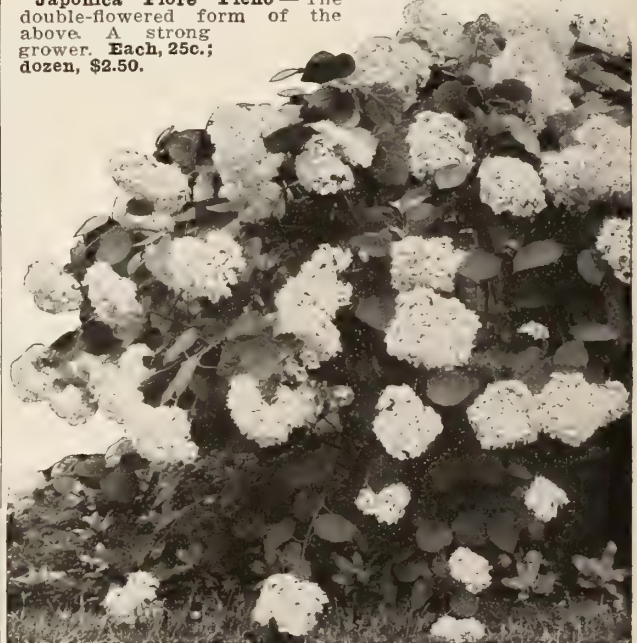
This fine hardy shrub is the greatest addition to this class of plants found in many a year. The heads of blooms which are of large size and pure white color, are produced in marvelous profusion, covering the bush. The foliage is finely finished, lacking that coarseness found in so many of our best-known shrubs. One of its most valuable characteristics is its coming into bloom just after the passing of all the early Spring shrubs; while its long season, from June through July, renders it doubly valuable, not only to the florist for cut-flowers, but also to the owner of a garden.

Strong Plants, each, 25c.; doz., \$2.50. Large Field-grown Plants, each, 40c.; doz., \$3.50.

Kerria (Globe Flower or Japanese Rose)

Japonica—(6) Grows 4 to 6 feet tall, with light green, sharply toothed foliage, which turns yellow in Autumn. Numerous large, showy, single yellow flowers make this bush most attractive during the greater part of the Summer and Fall. Each, 25c.; dozen, \$2.50.

Japonica Flore Pleno—The double-flowered form of the above. A strong grower. Each, 25c.; dozen, \$2.50.



Hydrangea Arborescens

Rhus Continus (Fringe or Smoke Bush)

(3) A large shrub, admired on account of its feathery bloom, which covers the plant like a cloud of smoke. We supply **Purple or White.**

Each, 35c.; doz., \$3.50. Larger Plants, 4 feet, 50c. each.

Philadelphus (Mock Orange or Syringa)

The old-fashioned Mock Orange or Syringa Coronaria is so well known that a description is hardly necessary. It is one of the larger growing shrubs and is seen to best advantage when grown as a specimen shrub. It will grow and flower quite well in shady places. In June it is covered with creamy white, very fragrant flowers, the branches forming perfect wreaths of bloom resembling the real orange blossom from which this shrub derives its popular name, "Mock Orange." Of late years a number of other varieties have been introduced, but none of them have the fragrance of the original type, although they have the advantage of producing larger flowers which come much later in the season; then we have the Golden Syringa (Philadelphus Aurea), which has flowers like the original type, but it is a dwarf, bushy shrub, having golden yellow foliage, and is largely used for planting about the base of houses on account of its handsome foliage combining well with other shrubs and its compact, symmetrical growth.

Coronaria—The old-fashioned, fragrant Mock Orange, blooming in June.

Grandiflora—This has much larger, whiter flowers than the above, flowering some days later and without fragrance.

Aurea—The golden-leaved Syringa used more for the color effect of its foliage than for its flowers, although it flowers to some extent.

Lemoinei—(4) Upright growing sort, with white fragrant flowers.

The New Spotted Mock Orange—(Philadelphus Purpurea Maculatus)—A perfectly hardy shrub; grows compact and bushy. In color white, spotted with a most beautiful rosy crimson. Deserves a place in every garden.

Fine Plants, each, 35c.; doz., \$3.50. Extra strong Plants of all varieties at 50c. and 75c. each.

The Spiraeas

A group of showy free-flowering shrubs of inestimable garden value and comprising many varieties. They are beautiful and compact in their habit of growth, and are extremely graceful in appearance. Those which are listed below are perfectly hardy and vary in their time of blooming from the earliest Spring to Midsummer. They lend themselves with remarkable charm to the forming of hedges on the lawn.

Spiraea Van Houttei

(4) This is without doubt, the finest variety in our collection. It is very hardy and often attains a height of 5 to 6 feet. In the flowering season in May and early June, it is covered with a dense mass of large white flowers presenting a beautiful appearance.

Each, 35c.; doz., \$3.50. Larger Plants, 50c. and \$1.00. Extra strong Specimen Plants, \$3.00 each.



Spiraea Van Houttei



The New French Lilacs

Spiraea Prunifolia flore pleno

(3) The true Bridal Wreath. A graceful tall-growing species with upright, slender branches. Quite hardy, often attaining a height of 5 to 6 feet. Flowers are pure white disposed in small button-like clusters at close intervals along the branches. It blooms in great profusion very early in May.

Spiraea Thunbergi—(1) Snow Garland. An extremely attractive shrub; very dainty in appearance, with numerous slender branches forming a dense feathery bush 3 to 4 feet tall. Flowers are pure white. They appear in great profusion in the earliest Spring, covering the plant as with a mantle of snow.

Spiraea Billardi—A hardy upright shrub growing 3 to 4 feet tall. The branches are brownish in color; the leaves oblong or lanceolate, bright green above, pale beneath. The flowers which are bright rose pink are produced in long, dense panicles, or spikes in Summer. Very showy and fine for cut-flowers.

Spiraea Bumalda, Anthony Watterer—(6) A shrub with upright branches attaining a height of about 2 feet. The flowers are of a bright rosy crimson color disposed in large, flat-topped clusters. It is a very free bloomer, coming into bloom in Midsummer and under favorable conditions, continuing in blossom through the Summer and Autumn.

Spiraea Aurea—This is a yellow foliage variety of the "Ninebark" (Physocarpus Opulifolia), a large, vigorous growing shrub bearing in June a quantity of fragrant flat clusters of flowers. The foliage is bright yellow in the early part of the season but gets darker as the season advances.

Above sorts, unless otherwise noted, 35c.; doz., 3.50. Larger Plants of all sorts at 50c. each.

Sambucus aurea (Golden Elder)

This is a golden-leaved "Elderberry," and it has all the vigor and hardiness of the old, wild elder that is so familiar. It is used largely in ornamental planting as a screen or in the back of shrubbery planting on account of its golden yellow foliage, which keeps its color right from early Spring until late in the Fall. The shrub flowers well and taken all together is a very useful subject for ornamental planting. It will stand severe pruning in the Spring, in fact, after a year's growth it is well to trim it back, as it is inclined to make an open woody growth. Shrubs that are well established are sometimes cut to the ground in the Spring and make a beautiful mass of foliage by Fall.

2 to 3 feet, 35c. each; 4 to 5 feet, 50c. each.

Sumac (Rhus Glabra)

Elegant low-growing shrub remarkable for the beauty of its foliage and the wealth of berries which it bears in the Fall. **Each, 35c.; doz., \$3.00.**

Symphoricarpus

(Coral Berry or Indian Currant)—There is no place about the grounds where this shrub cannot be used to advantage. The flowers are insignificant and it is in the beautiful, dense growth and vigor that it excels. It grows luxuriantly in the shade and retains its foliage well on into the Fall. After the leaves drop the branches will be found laden with coral red berries which hang on the plant all winter. We can recommend this shrub, knowing that it will never disappoint, no matter where it is placed. **Each, 25c. Larger Plants, 50c. each.**

Snowberry (Symphoricarpus Racemosus)—Pinkish white flowers, similar to above, but white berries. **Each, 25c. Stronger Plants, 50c. each.**

Tamarix Africana

(3) A strong, upright grower; feathery foliage, like asparagus; red fringed flowers. **Each, 25c.; doz., \$2.50. Larger size, 2 to 3 feet, 50c. each.**

Weigelia

(Diervilla)—Handsome, tall-growing shrubs, with numerous spreading branches. They attain a height of 6 feet and produce large, showy, trumpet-shaped flowers which are borne in clusters and cover a wide range of colors. Of the number of good varieties we have picked out the best and most distinct. All thrive best in loamy soils. Fine for hedges or planted singly as specimen shrubs on the lawn.

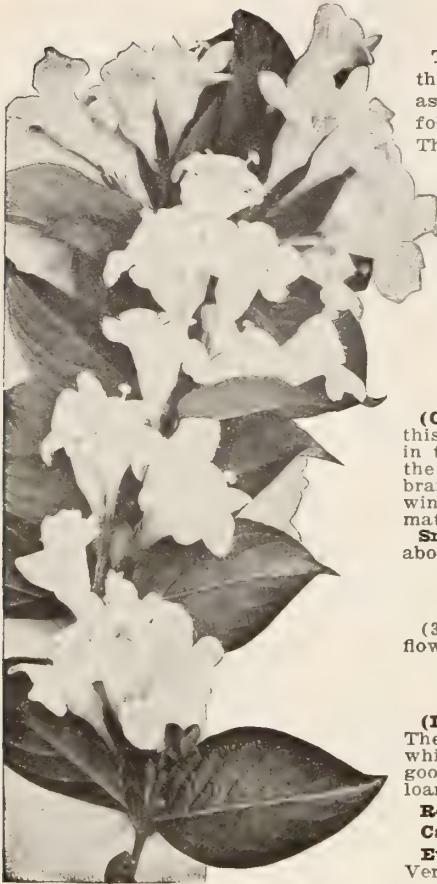
Rosea Nana Variagata—Leaves margined white; flowers rose.

Candida—(6) Pure white flowers.

Eva Rathke—(6) Rich purplish red bloom. Entirely distinct from all others. Very free bloomer the whole season.

Rosea—(5) Flowers very profusely in various shades of rose and pink.

Above, each, 25c.; doz., \$2.50. Larger Plants, 2 to 3 feet, 40c. each.



Weigelia

Hedge Plants

Tear down that old fence of wood or iron and beautify your home grounds with "live fences"—hedges that will increase in beauty with their growth and improve in value instead of deteriorating, as artificial fences do. Our efforts to bring about changes in this line are liberally rewarded when we look at the many thrifty, healthy hedges which we helped to establish throughout the country.

Privet—The Most Popular Hedge Plant

Ligustrum ovalifolium (California Privet)—The "ideal plant for hedging purposes." Remarkable for the beauty of its almost evergreen foliage and strong regular symmetrical growth. Foliage dark green, very glossy and wax-like; hardy. It is not subject to insects or scale attacks and will stand pruning to any extent at all seasons. Look at the beautiful Privet hedge above. Very different from the barriers of wood or iron that so often and so doubtfully ornament the boundaries of many fine homes. Privet will not only last longer, but it is also cheaper.



PRICES OF CALIFORNIA PRIVET

	100	1000
18 to 24 inches	3 50	30 00
24 to 30 inches	4 00	37 00
30 to 36 inches, extra selected, sturdy stock for quick results	5 00	45 00

Ligustrum Ibotia (Chinese Privet)—A valuable shrub, native of China and Japan. Flowers large, white, very fragrant, produced in great profusion; followed by black berries, leaves long and shining, one of the hardiest of fragrant flowers, as well as for its handsome foliage. Everything good that can be said of California Privet can also be repeated of the Ibotia, and with this in addition, that it is harder. **18-24 inches, \$1.50 per doz.; \$12.00 per 100.**



The Best Hardy Hybrid Perpetual Roses

We have taken great care in selecting the following list of Hardy Hybrid Perpetual Roses, The most distinct and valuable colors and shades are included. All sorts are noted for vigor, hardiness, productiveness and size, and are perfectly hardy in the garden.

Frau Karl Druschki, or Snow Queen

This magnificent Rose is the only absolutely pure white rose ever introduced. A cross between the Madame Caroline Testout and that grand old white Rose, Merveille de Lyon. It possesses the free-blooming qualities of the former and the robust growth of the latter. The foliage is a deep green and very leathery and not subject to mildew or the ravages of insects, as is the case with many less hardy varieties. A succession of blooms may be had from this variety during the entire summer.

Anna de Diesbach

Brilliant rose color, with long, pointed buds, and large perfectly formed blossoms.

Clio

The finest flesh-colored hybrid perpetual Rose grown. The flowers are perfect in form at all stages, from the dainty bud to the full open flower; strong, vigorous grower, a profuse bloomer; color delicate satin blush.

Conrad F. Meyer

Deep, bright pink flowers of the same intense fragrance as the old June roses. They are large, perfectly double and of elegant cup-shape. A vigorous grower, free bloomer—one of the best roses.

Eugene Furst

Deep red, shaded crimson. Large flowers of full, fine form. Blooms profusely and constantly. A very meritorious sort.

General Jacqueminot

Of bright, velvety crimson color. Buds and flowers are of magnificent shape and size. An old sort of great merit.

Jubilee

Bright, glowing crimson. Long, graceful buds, which develop into very large, double flowers of great beauty.

J. B. Clark

Deep scarlet, overlaid with crimson. While it really belongs to the class of Hybrid Tea Roses, its great hardiness and the wonderful blooming qualities make it deserving of a place in every garden.

Coquette des Blanches

Pure snowy white, blooms in large clusters. Flowers medium size, full and slightly fragrant.

Magna Charta

Bright, deep pink. One of the hardest and best garden Roses; very large, fragrant.

Mrs. John Laing

Splendid constant bloomer; immense flowers, full and double; borne in great profusion on long, stiff stems; very sweet; color, clear, bright pink; hardy.

Paul Neyron

Clear, deep pink. A strong grower, with beautiful, glossy green foliage. Flowers are very double.

Ulrich Brunner

Produces in greatest abundance perfect flowers on long, strong, almost thornless stems. Buds magnificent—long, pointed; flowers bold, extra large, full; color, rich velvety crimson.

PRICES—Hardy Hybrid Perpetual Roses, Field-grown Bushes, 35c. each; doz., \$3.50.

Hardy Climbing Roses

Dorothy Perkins

Here is a variety that everybody wants. Many prefer it to any other of the "Rambler" type of climbers. It is a remarkably strong grower, resembling the Wichuriana in this respect, of which it is a hybrid. It also has the same small glossy foliage of the latter. Being termed the "Pink Rambler" it is if anything freer in blooming than the old Crimson Rambler.

White Dorothy

This is identical with the above except that it is pure white. Just as free a bloomer, just as strong a grower and hardy—the finest white climbing rose.

Philadelphia Rambler

Flowers produced in grand clusters, each flower 2 to 2½ inches across; double to center; pure deep crimson; brighter than any of this class, and holds its color.

Crimson Rambler

The most famous climbing Rose in cultivation. It is perfectly hardy and an exceedingly vigorous grower, making shoots from 10 to 12 feet high in a single season. The flowers are a rich, vivid crimson, borne in magnificent pyramidal clusters, each cluster a perfect bouquet in itself.

American Pillar

A most valuable new form, notable for its unusually thirty growth and enormous production of flower clusters. Large, single rosy pink flowers appear in June and last for weeks. Their intense brilliancy is emphasized by a tint of white in center, which surrounds the showy yellow stamens. American Pillar is noted for its freedom from disease, the healthy foliage clothing the bushes.

All above Climbing Roses, Large Field-grown Plants, 35c. each; \$3.50 per doz.

Hardy Climbers

These have just as important a place in beautifying the house and grounds as shrubbery. They not only add to the appearance of a veranda, but furnish a welcome screen and shade. When planted on the lawn and trained over trellises there is nothing more graceful and if used to screen the garden from the lawn or over garden gates they are very beautiful.

Aristolochia Sipo

(**Dutchman's Pipe Vine**)—Magnificent, perfectly hardy vine of rapid growth, with very large heart-shaped leaves and brownish flowers resembling in shape a miniature pipe. **Strong Plants, each, 40c.; 2 for 75c.**

Ampelopsis

Veitchii—(**Boston Ivy, or Japanese Ivy**)—The finest climber for training over brick walls, as it clings firmly to the smoothest surface, covering it smoothly and densely with fresh, green, heart-shaped leaves in Summer. **Each, 20c.; 3 for 50c. Extra Strong Plants, 35c. each.**

(**Virginia Creeper, or American Woodbine**)—Extremely hardy, rapid grower. Splendid for covering walls, old trees, etc. **Each, 15c.; dozen, \$1.50.**

Clematis

This is the most popular of all Climbers and is very generally planted throughout the country. Commencing to flower the latter part of July, it continues to bloom a long time and is the prettiest vine of all for a veranda where it is not too much shaded. It is a rapid grower and delights in a heavy, rich soil and sunny position. Plant so that the crown of the roots will be three inches below the surface of the soil and firm the soil well about the roots. Water freely, especially in dry time. Give the plants a good top dressing of well-rotted manure late in the Fall.

Large Flowering Clematis

Jackmani—Flowers dark, rich, royal purple; very fine bloomer; best known. **Henryi**—Best known single flowering white. Robust habit, fine bloomer; large, finely formed flowers; very hardy.

Sieboldi—Extra large; beautiful lavender; strong grower.

Ville De Lyon—A valuable new variety; distinct new color—fine bright crimson; large flowers, which it bears profusely.

The above **Large-flowering Clematis, strong field-grown Plants, each, 40c.; the 4 for \$1.35.**

Clematis Paniculata

(**Sweet-Scented Japan Clematis**)

One of the hardiest Climbers. Of rapid growth, quickly covering trellises and arbors with handsome, clean glossy green foliage. Flowers of medium size, pure white, borne in immense sheets; of a most delicious and penetrating fragrance. (See illustration.) **Each, 20c.; doz., \$2.00.**

CLEMATIS INTEGREFOLIA DURANDI—A beautiful new deep steel-blue large flowering Clematis; non-climbing, growing 4 to 5 feet high. June to October. **Fine Plants, each, 50c.; 3 for \$1.25.**

COCCINEA—Bears small, bell-shaped, bright red flowers in June. **Each, 20c.; 2 for 35c.**

Climbing Roses

These are our most beautiful climbing plants and should be used largely where they can be given full exposure to the sun. On page 11 will be found a list of varieties we can furnish.

Honeysuckle

Among the most desirable hardy Climbers. Grows with great freedom in any garden soil. Very desirable for porches.

Heckrothi

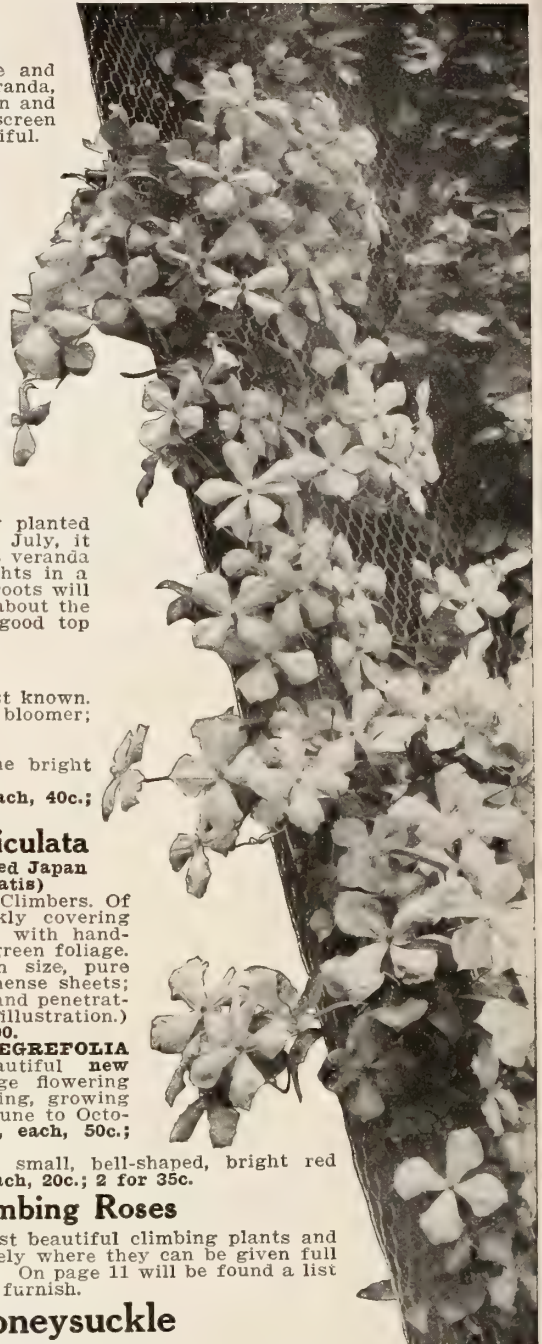
A shrubby sort with short, sometimes twining branches. Has myriads of yellow-throated deep crimson blooms. **Each, 25c.; doz., \$2.00.**

Hall's Japan (Halleana)

An evergreen variety from Japan, frequently the leaves remaining on the vine until January. Flowers pure white, changing to yellow.

Japan Golden-Veined

Foliage small and netted with yellow. Flowers white, sweet. **Above, each, 25c.; dozen, \$2.00. Field-grown clumps, 50c. each.**



Clematis Jackmani



Clematis Paniculata

Wistaria

Very hardy popular vine, growing up to 50 feet or more. It flowers early in the Spring, and when in bloom is truly magnificent.

Wistaria Magnifica—Superb racemes of beautiful flowers. **Very strong Plants, \$1.50.**

Wistaria Chinensis Alba (White)—**Each, 35c.**

Wistaria Chinensis Blue—**Each, 35c.**

Ornamental Shade Trees

Catalpa Bungei

(See illustration from our own photograph.) A dense round-headed species with beautiful broad foliage. Very ornamental wherever planted, but particularly suitable for home grounds. **One-year-old Trees, \$1.50; two-year-old Trees, \$2.50; three-year-old Trees, \$4.00. Specimen Trees, with large heads, giving immediate effect, \$5.00.**

Catalpa Speciosa or Western Catalpa

Attractive foliage and showy flowers during May and June. Most effective as specimen tree on the lawn. Widely planted as a timber tree on the Western prairies. **Symmetrical Trees, \$1.00 to \$3.00 each.**

American Elm

Ideal as a street tree, splendid as a specimen tree on the lawn or terrace. Straight and trim. **Symmetrical Trees, 10 to 12 feet, \$1.50; 2½ to 3 inches diameter, \$3.50.**

Scotch Elm

Beautiful tree, with spreading crown, leaves of much darker texture than those of U. americana. **Specimen Trees, 10 to 12 feet high, 1 inch diameter, \$1.25; 12 feet high, 2½ to 3 inches in diameter, \$3.00.**

Weeping, or Camperdown Elm

A distinctly beautiful tree with gracefully drooping branches. Forms a perfect umbrella-shaped head. **Elegant Specimen Trees, \$2.50, \$5.00, \$7.50 and \$10.00.**

Tea's Weeping Mulberry

A thrifty and hardy weeping tree of great beauty. Long, slender branches of drooping habit on straight-stemmed trees. **Fine three-year-old specimens, \$3.00 each.**

Cut Leaf Birch

Superb lawn tree, with showy bark and gracefully drooping branches. **8 to 10 feet, \$1.50; 10 to 12 feet, \$2.00.**

Silver Maple

Grows quickly and thrives in any soil. A grand shade tree for all purposes and situations. Leaves turn pale yellow in Fall. **8 to 10 feet, 1 inch diameter, \$1.00; 10 feet, 1½ inch diameter, \$1.50; 12 feet, 2 to 2½ inches diameter, \$2.50; 12 feet, 2½ to 3 inches, diameter, \$3.00.**



Norway Maple

Splendid street tree, but equally desirable for landscape work or as specimen tree on the lawn. It grows quickly to good size, forming a beautiful, well-rounded head of great symmetry. **8 to 10 feet, 1 inch diameter, \$1.25; 10 feet, 1½ to 2 inches diameter, \$2.00; 12 feet, 2½ to 3 inches diameter, \$3.50.**

Rock or Sugar Maple

A slow grower, but develops into magnificent and stately specimens. The leaves turn many brilliant hues of scarlet, orange and yellow in Fall. **8 to 10 feet, 1 inch diameter, \$1.25; 10 feet, 2½ inches diameter, \$2.50; 12 feet, 2½ to 3 inches diameter, \$3.50.**

Livingston's Pot-Grown Strawberry Plants

Ready for Delivery in September

Imperfect-flowering sorts will not produce well unless every fourth or fifth row is set with a perfect-flowering variety.

The Four Finest Strawberries in Cultivation

After long trials and careful comparison, we have selected from all the known sorts the varieties below as the four most desirable and luscious Strawberries for the family use. They are uniformly large, handsome, richly colored and delightfully flavored. Our stock of plants of these superb varieties is exceptionally fine. We grow them ourselves and have raised an immense stock at our True Blue Nurseries.

PRICES of the Four Varieties are as Follows:

POT-GROWN PLANTS—Doz., 60c.; 25 for \$1.00; 50 for \$2.00; 100 for \$3.50; 500 for \$18.00. Plants ready September 15th.

FIELD-GROWN LAYER PLANTS—25 for 25c.; 100 for 60c.; 500 for \$2.50; 1000 for \$4.50; 3000 or over, \$4.00. Plants ready Sept. 15th.

HAVERLAND (Imperfect)—A grand berry; should be planted with Clyde or some other good pollenizer; is immensely productive; its scarlet fruit is large, cone-shaped. Early to late.

BUBACH (Imperfect)—A splendid variety of the very largest size; the quantity of fruit produced is simply enormous. The ground about the plants is often literally covered with the large luscious fruits. Shape round, slightly flattened; flesh medium firm, and quality good; color orange-scarlet; ripens evenly. Exceptionally good for home use.

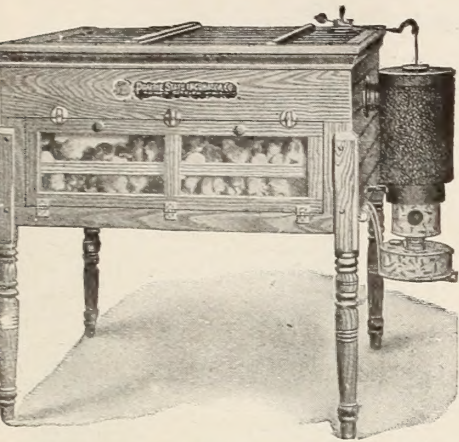
SENATOR DUNLAP (Perfect)—Many large growers pronounce this "the greatest all-round variety ever introduced." Wonderfully productive. very large; regular in shape, dark red in color; sweet and delicious; good keeper; remains in bearing until late; easily picked and hulled.

CLYDE (Perfect)—Gives entire satisfaction in all parts of the country; perfectly healthy; berries keep up in size; light bright red, are firm and of uniform conical shape. First-class pollenizer for Haverland. Medium early, very productive and reliable.



Prairie State Incubators and Brooders

The beginner who has never in his life hatched a batch of chickens with a machine need not fear for results or hesitate to buy an Incubator in this day. It is a labor-saving, time-saving, money-producing machine, that makes poultry raising perfectly adapted to the small city home with a little backyard, as well as to the farm with its broad fields. It's a pleasant and profitable occupation for boys and girls, for the women of the home, or even for the man, who will take the greatest delight in raising a supply of fresh meat and eggs for his table. This season we are able to offer you an Incubator which is exactly suited to the needs of home chicken raising.

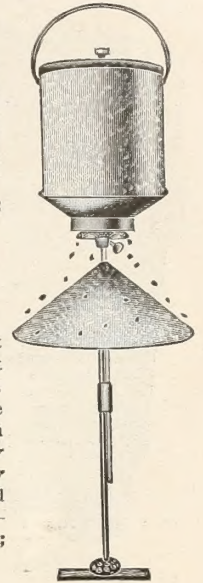


New Prairie State Sand Tray Incubator No. 2.

The Ideal Automatic Feeder and Exerciser

This Feeder is made so that it can be hung from the ceiling or any suitable place, thereby making it possible to scatter the grain farther than any automatic feeder and also gives the poultry all the floor space. You simply fill the hopper with any kind of grain that you wish to feed and adjust it to feed out any amount you like. Will feed any kind of grain or mixture of grain.

Prices—No. 0, 3 qt., \$1.50; No. 1, 12 qt., \$2.00; No. 2, 20 qt., \$2.50.



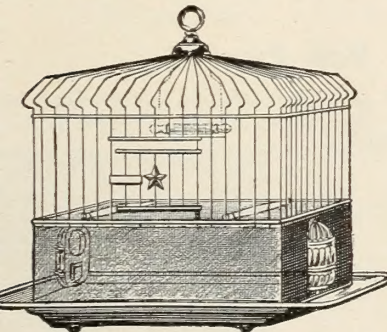
Ideal Automatic Feeder

Livingston's True Blue Scratch Food

This is a superior mixture of best grains it is possible to procure, carefully proportioned to make a well-balanced ration, and not a hap-hazard mixture of inferior grains and dirt which constitute many so-called scratch foods. Our True Blue Scratch Food contains only sound, wholesome grain—no grit, stale or damaged grain. All particles of dust and ground grain are taken out, leaving only the clean chopped grain. It contains an attractive variety of grain and will cause the flock to scratch actively. We make this mixture ourselves, and it cannot be excelled. 8½ lbs., 25c.; 15 lbs., 75c.; 50 lbs., \$1.25; 100 lbs., \$2.25.

Peerless Heater

For use with Peerless Fountain. Chickens lay more eggs if water is of proper temperature. The "Peerless Heater" makes it so. Absolutely safe, little running expense, not in the way, as it may be hung on the wall. Each, \$1.50; doz., \$16.00.



Bird Cages

We handle a large assortment of the best cages in brass and japanned. Also mating cages.

Bird Seeds

We handle only selected, re-cleaned seed. German Mixed and Plain Mixed, 1 lb., 15c.; 3 lbs., 40c. Parrot Foods and Crackers, 1 lb., 15c.; 3 lbs., 40c.

German Song Restorer

An invigorating tonic for Canaries and all seed-eating birds. Excellent for restoring song to Canary birds. 2 oz. bottles, 15c.

Dog Biscuits or Bread

Old Grist Mill, puppy10c, 20c.
 Old Grist Mill, dog25c
 Spratt's Dog Cakes10c, 25c, 50c.
 Spratt's Puppy Cakes10c, 25c.
 Milk Bone for dogs and puppies10c, 25c

A most excellent Food.

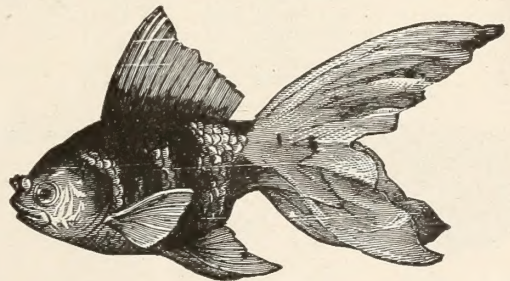
Meat Scraps

Meat Makes Eggs, Eggs Make Money

Several years of careful experiment enable Swift & Company to offer a meat food of the highest possible quality. Swift's Special Meat Scraps are made from the finest select trimmings from edible carcasses. They are handled by special machinery in the most sanitary manner and are as perfect a meat food as it is possible to produce. Prices—5 lbs., 25c.; 12 lbs., 50c.; 25 lbs., \$1.00; 50 lbs., \$1.75; 100 lbs., \$3.25.

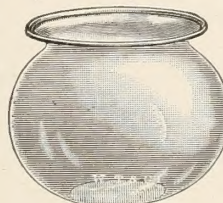
We handle all of Conkey's Poultry Remedies, Glover's Imperial Dog Remedies, Sargent's Dog Remedies.

Gold Fish



Gold Fish range in price from 10c. to 50c. each. We carry in stock plain Gold Fish, Comets, Gorgeous Tails, Fantails, Telescopes, etc.

Fish Globes



1	gal. hanging globe.....	40c.
1½	" " " "	50c.
2	" " " "	60c.
2½	" " " "	75c.
3	" " " "	85c.
4	" " " "	\$1.00
5	" " " "	1.25
6	" " " "	1.50

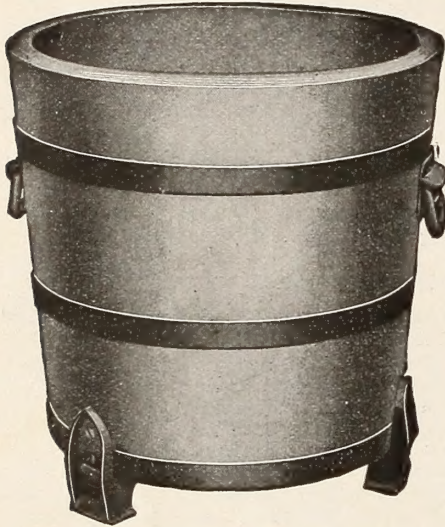
Sea Shells, 25c. per qt. Pebbles or aquarium, 15c. per qt.
 Sea Moss for aquariums, 10c. per bunch. Rice Fish Food, 10c. per pkg. Spratt's aquarium Fish Food, 10c. per pkt.

Miscellaneous Requisites for House and Garden

Plant Tub (New York Style)

Sizes and Prices are as follows:

	Diam. Top	Diam. Bottom	Depth	Weight	Price Ea.
No. 1.....	12 in.	9¾ in.	10½ in.	9 lbs.	\$1 15
No. 2.....	13 in.	10¾ in.	12¾ in.	13 lbs.	1 50
No. 3.....	14½ in.	12¼ in.	14¾ in.	15 lbs.	1 85
No. 3½.....	16½ in.	14½ in.	15¾ in.	18 lbs.	2 45
No. 4.....	19½ in.	17¼ in.	16¾ in.	21 lbs.	2 65
No. 5.....	22½ in.	20¼ in.	18½ in.	26 lbs.	3 45



New York Style

Rattan Reed (Round)

For Basket Weaving

No. 1 (very fine)	10c small coil	\$1 15 lb.
No. 2	10c small coil	1 00 lb.
No. 3	10c small coil	90 lb.
No. 4	10c small coil	80 lb.
No. 5	10c small coil	70 lb.
No. 6	10c small coil	65 lb.
No. 7	10c small coil	65 lb.

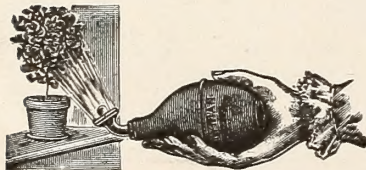


Waterproof Fibre Saucers

These Saucers are not porous, therefore do not absorb moisture and spoil the wood-work, tables, etc., on which plants may stand. A beautiful, rich terra cotta brown.

Size	Each	Size	Each
4-inch.....	9c	9-inch.....	14c
5-inch.....	10c	10-inch.....	15c
6-inch.....	11c	12-inch.....	20c
7-inch.....	12c	14-inch.....	30c
8-inch.....	13c	16-inch.....	50c

Angle Rubber Sprinkler



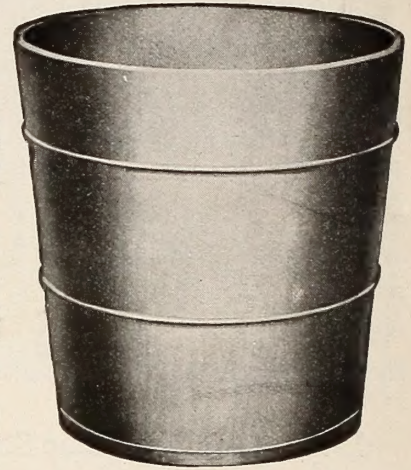
This Sprinkler is designed for applying water or liquid insecticides on the underside of leaves and foliage.

	Small	Large
Angle Neck	\$0 80	\$1 00
Straight Neck	80	1 00

Steel Swinging Flower Pot Bracket

Made of steel. Are strong, durable, and artistic in design; finished in dead black, which is now so popular, and are very handsome. The Spring Clasp prevents the pot from falling.

No. 1, for 5-inch pots, has 8-inch arm; each, 30c.; doz., \$3.00. No. 2, for 6-inch pots, has 10-inch arm; each, 35c.; doz., \$3.50. No. 3, for 7-inch pots, has 12-inch arm; each, 40c.; doz., \$4.00. If the Brackets are to be sent by mail, 15c. each must be added for postage.



Richmond Style

Plant Tub (Richmond Style)

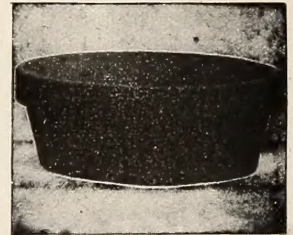
Sizes and Prices are as follows:

	Diam. Top	Diam. Bottom	Depth	Weight	Price Ea.
No. 2.....	7 in.	5 in.	7¼ in.	1½ lbs.	\$0 30
No. 3.....	8 in.	6 in.	8 in.	2 lbs.	35
No. 4.....	9 in.	6½ in.	9 in.	2½ lbs.	40
No. 5.....	10 in.	7½ in.	9 in.	3 lbs.	45
No. 6.....	11 in.	8½ in.	10 in.	3½ lbs.	50
No. 7.....	12 in.	9 in.	11 in.	5 lbs.	60
No. 8.....	13 in.	10 in.	12 in.	6½ lbs.	80
No. 9.....	14 in.	11 in.	13 in.	7½ lbs.	90
No. 10.....	15 in.	11½ in.	14 in.	9½ lbs.	1 00
No. 11.....	16 in.	12½ in.	15 in.	10 lbs.	1 15
No. 12.....	17 in.	13½ in.	16 in.	10½ lbs.	1 35
No. 13.....	18 in.	14½ in.	17 in.	11½ lbs.	1 60
No. 14.....	18 in.	15½ in.	18 in.	14 lbs.	1 90

Bulb Pans

These are made of same materials as our Flower Pots. Especially desirable for planting several bulbs in each so as to form a clump.

	Each	Doz.
6-inch.....	8c	\$0 80
7-inch.....	10c	1 00
8-inch.....	12c	1 20
9-inch.....	15c	1 50
10-inch.....	20c	2 00
12-inch.....	35c	3 50
14-inch.....	60c	6 00



Red Flower Pots



Size	Each	Doz.	100
2 in.....	\$0 02	\$0 10	\$0 60
2½ in.....	2	15	75
3 in.....	3	25	90
3½ in.....	4	30	1 25
4 in.....	4	30	1 25
5 in.....	5	45	2 50
6 in.....	6	60	4 00
7 in.....	8	75	5 50
8 in.....	10	1 00	7 25
9 in.....	15	1 35	10 00
10 in.....	25	2 00	
12 in.....	60	5 00	



Cut Flowers

Decorations for Weddings, Dinners, Receptions, Etc.

Our decorative work is its own best recommendation, and we number among our patrons the most critical and artistic people of this and surrounding cities. In designing wedding and reception decorations, we are careful to adapt the designs and materials to the house and furnishings. We make and execute a special plan for you. Correct coloring, ideal designing and perfect execution all unite to make our decorations impressive, whether on a simple or elaborate scale. Flowers have become a necessity to modern life—a seasonable center-piece being an indispensable requisite to luncheon, dinner or reception table.

Corsage Bouquets and Theater Clusters

We can furnish beautiful corsage and hand bunches, theatre clusters, baskets and other dainty creations.

Orders

Cut Flowers delivered to all parts of the United States. Special attention given to orders for friends sailing on ocean liners. All orders of any size filled promptly with the choicest stock, which is sent to us twice daily from our greenhouses. Our prices are very reasonable.

Livingston's Capitol Lawn Grass Seed

Capitol Lawn Grass Seed is the cheapest as well as the best lawn grass seed offered. While 14 lbs. of lawn grass seed is usually considered a bushel, this will weigh 20 lbs. and over to the bushel. We sell by the pound instead of quart. This method of selling is very much to the advantage of the purchaser, as a pound of grass seed measures over 1½ qts.

Price—35c per lb.; 3 lbs., \$1.00; 5 lbs., \$1.50; 10 lbs., \$2.75; \$5.00 per bushel (20 lbs.).

Shady Place Mixture

On nearly all lawns there are shaded, bare and unsightly spots on which the owners have difficulty in getting a stand of grass. For such places this mixture is adapted. It is composed of grasses which naturally grow in shaded places. They are the finest and most costly of all grasses. If the soil is covered with moss or seems "sour" and out of condition, rake off the surface and apply slacked lime at the rate of one bushel to 1000 square feet; this will sweeten the soil. Then dig and prepare the lawn as directed below. Price—Lb., 40c.; bu., \$7.00.

Kentucky Blue Grass

Many prefer plain Blue Grass to a mixture, and it can not be denied that it produces a beautiful and lasting lawn. It takes longer, however, to get established. Price (fancy, clean seed)—Lb., 20c.; 10 lbs., \$1.40; 100 lbs., \$12.00.

Tennis Court Mixture

A mixture composed of low-growing hardy grasses suitable for ground of this kind. Price—Lb., 40c.; bu., \$7.00.

Golf Link Mixture

We make a mixture of grasses suitable for the purposes of the golf links, so it will stand rough usage. We can also prescribe for links located on poor or rich, dry or wet soils telling which grass will best suit each location. Let us know your requirements.

White Clover

Best for lawns. Sow at the rate of 5 lbs. per acre. Price—Lb., 40c.; 10 lbs., \$3.50.

Special Quotations—We are always pleased to quote special prices to parks, institutions, golf clubs and others who require Lawn Grass Seeds in large quantities.

Prices of all Grass and Clover Seeds Net, and are Subject to Market Changes



The Livingston Seed Co.,
Columbus, Ohio.